

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017601.D
 Acq On : 09 Nov 2018 21:00
 Operator : MJ/SJ
 Sample : J5863-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Quant Time: Nov 12 00:33:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	215849	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	915815	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	551776	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1282958	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1424265	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1302998	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1601912	125.52	ng	-0.02
7) Phenol-d6	6.81	99	2227052	128.13	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1376675	87.92	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	989792	132.65	ng	-0.03
45) 2-Fluorobiphenyl	12.87	172	3175674	76.58	ng	-0.03
79) Terphenyl-d14	19.66	244	4942087	78.21	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	157800	24.214	ng	# 84
3) Pyridine	3.62	79	442188	29.490	ng	# 80
4) n-Nitrosodimethylamine	3.53	42	260461	43.269	ng	# 64
6) Aniline	6.96	93	701495	32.267	ng	95
8) 2-Chlorophenol	7.19	128	569089	38.545	ng	93
9) Benzaldehyde	6.77	77	321842	29.041	ng	87
10) Phenol	6.83	94	850062	45.442	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	504353	33.822	ng	97
12) 1,3-Dichlorobenzene	7.50	146	573069	33.297	ng	97
13) 1,4-Dichlorobenzene	7.65	146	588398	33.462	ng	98
14) 1,2-Dichlorobenzene	7.96	146	566247	33.423	ng	97
15) Benzyl Alcohol	7.87	79	512597	40.347	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.14	45	758149	36.391	ng	97
17) 2-Methylphenol	8.06	107	487723	40.620	ng	96
18) Hexachloroethane	8.67	117	208810	34.699	ng	97
19) n-Nitroso-di-n-propylamine	8.43	70	434573	37.971	ng	96
20) 3+4-Methylphenols	8.39	107	658454	40.096	ng	97
22) Acetophenone	8.44	105	841116	36.232	ng	# 96
24) Nitrobenzene	8.82	77	639766	38.625	ng	93
25) Isophorone	9.34	82	1155505	44.688	ng	97
26) 2-Nitrophenol	9.52	139	304304	40.294	ng	95
27) 2,4-Dimethylphenol	9.58	122	531619	46.496	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	720562	39.593	ng	100
29) 2,4-Dichlorophenol	10.05	162	554896	41.800	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	565181	35.490	ng	99
31) Naphthalene	10.44	128	1741970	38.814	ng	99
32) Benzoic acid	9.74	122	362013	42.435	ng	90
33) 4-Chloroaniline	10.57	127	442592	22.834	ng	97
34) Hexachlorobutadiene	10.72	225	332398	32.942	ng	97
35) Caprolactam	11.36	113	44148	9.125	ng	97
36) 4-Chloro-3-methylphenol	11.69	107	633207	42.316	ng	94
37) 2-Methylnaphthalene	12.06	142	1306661	42.546	ng	97
38) 1-Methylnaphthalene	12.28	142	1251251	41.860	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	676941	34.837	ng	# 98

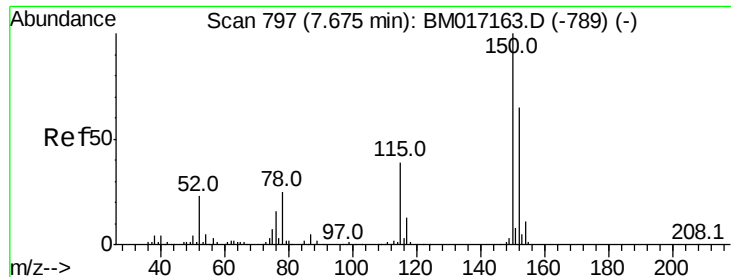
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	835578	88.949	nq	98
43) 2,4,6-Trichlorophenol	12.68	196	470803	41.737	nq	98
44) 2,4,5-Trichlorophenol	12.76	196	514393	42.526	nq	98
46) 1,1'-Biphenyl	13.09	154	1692437	34.084	nq	99
47) 2-Chloronaphthalene	13.13	162	1305215	35.731	nq	98
48) 2-Nitroaniline	13.35	65	431769	42.568	nq	98
49) Acenaphthylene	13.98	152	2172703	41.034	nq	100
50) Dimethylphthalate	13.73	163	1903809	44.722	nq	99
51) 2,6-Dinitrotoluene	13.86	165	378644	40.413	nq	97
52) Acenaphthene	14.33	154	1259920	37.898	nq	98
53) 3-Nitroaniline	14.19	138	308568	30.408	nq	96
54) 2,4-Dinitrophenol	14.40	184	484792	87.355	nq	97
55) Dibenzofuran	14.67	168	2048099	37.046	nq	99
56) 4-Nitrophenol	14.51	139	944645	100.836	nq	90
57) 2,4-Dinitrotoluene	14.65	165	544733	43.257	nq	# 89
58) Fluorene	15.32	166	1683211	41.133	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	481878	43.704	nq	97
60) Diethylphthalate	15.11	149	1729277	40.962	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	842086	36.096	nq	96
62) 4-Nitroaniline	15.36	138	388907	35.695	nq	98
63) Azobenzene	15.61	77	1686647	41.103	nq	95
65) 4,6-Dinitro-2-methylphenol	15.42	198	326814	40.884	nq	96
66) n-Nitrosodiphenylamine	15.54	169	1499272	38.625	nq	99
67) 4-Bromophenyl-phenylether	16.22	248	543119	38.555	nq	99
68) Hexachlorobenzene	16.32	284	593434	36.266	nq	99
69) Atrazine	16.50	200	555015	39.951	nq	98
70) Pentachlorophenol	16.67	266	766303	68.362	nq	100
71) Phenanthrene	17.06	178	2711594	39.174	nq	99
72) Anthracene	17.15	178	2742178	41.693	nq	99
73) Carbazole	17.43	167	2559676	38.099	nq	100
74) Di-n-butylphthalate	18.00	149	2969335	41.903	nq	99
75) Fluoranthene	19.09	202	3172219	40.727	nq	98
77) Benzidine	19.29	184	1004239	27.807	nq	99
78) Pyrene	19.45	202	3253262	40.869	nq	100
80) Butylbenzylphthalate	20.36	149	1373268	45.734	nq	92
81) Benzo(a)anthracene	21.20	228	3243775	40.472	nq	100
82) 3,3'-Dichlorobenzidine	21.14	252	1022362	34.225	nq	100
83) Chrysene	21.26	228	3040294	38.324	nq	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1975147	43.213	nq	99
85) Di-n-octyl phthalate	22.01	149	3335056	43.118	nq	97
86) Indeno(1,2,3-cd)pyrene	25.60	276	2718027	30.632	nq	99
88) Benzo(b)fluoranthene	22.76	252	3050382	42.819	nq	99
89) Benzo(k)fluoranthene	22.80	252	2926599	40.941	nq	99
90) Benzo(a)pyrene	23.31	252	2794831	41.319	nq	99
91) Dibenzo(a,h)anthracene	25.61	278	2345245	34.918	nq	99
92) Benzo(g,h,i)perylene	26.27	276	2217014	33.305	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

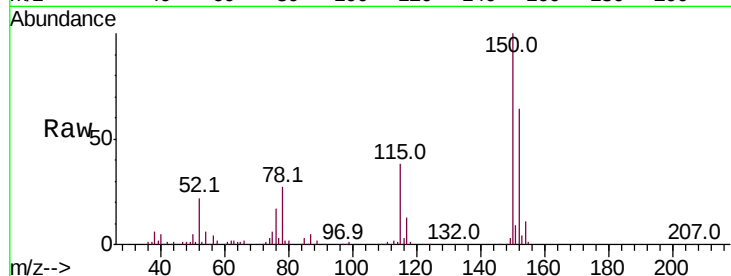


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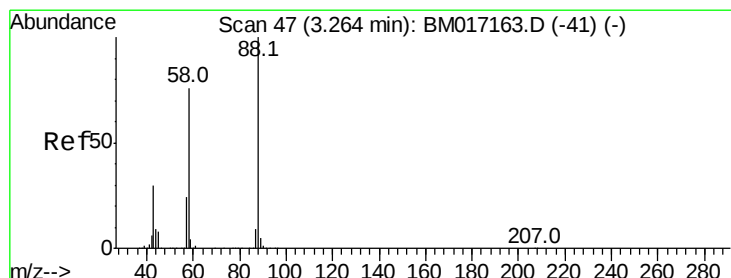
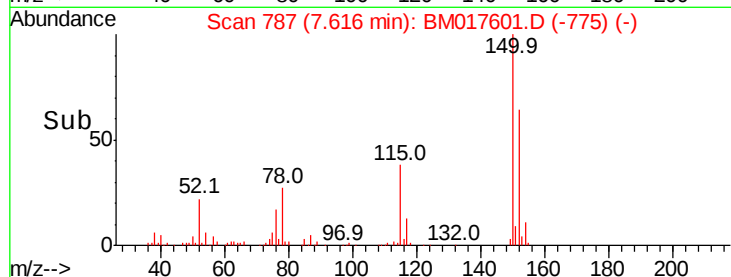
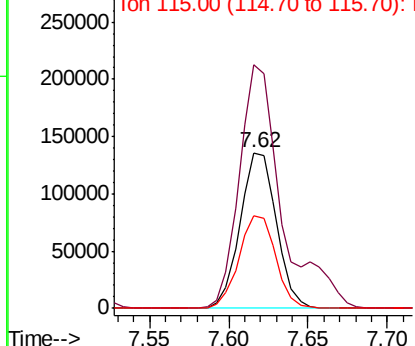
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion:152 Resp: 215849
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 59.3 48.1 72.1



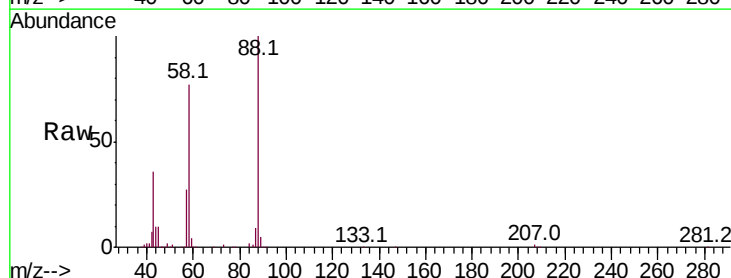
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



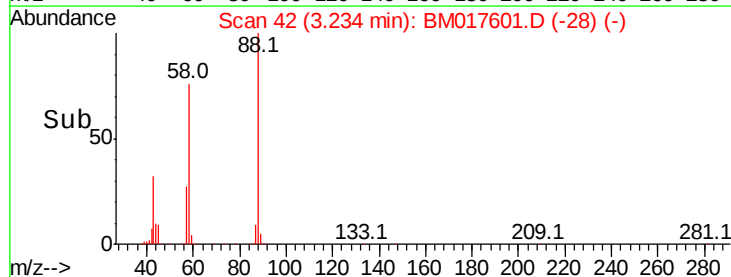
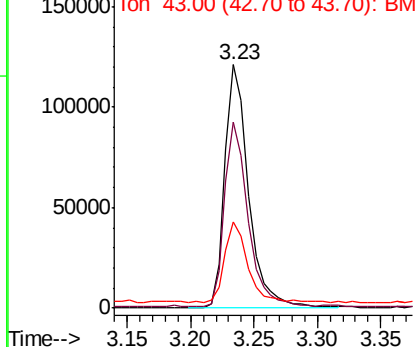
#2

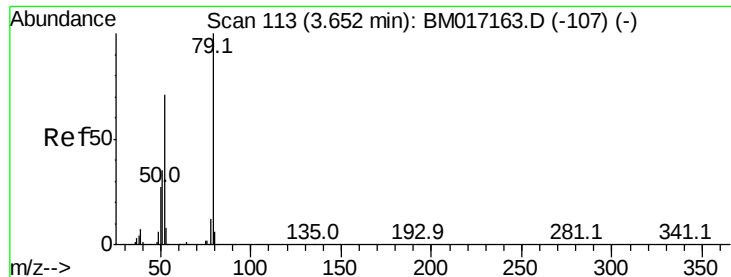
1,4-Dioxane
Concen: 24.214 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion: 88 Resp: 157800
Ion Ratio Lower Upper
88 100
58 75.4 50.2 75.4#
43 32.1 19.3 28.9#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 29.490 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

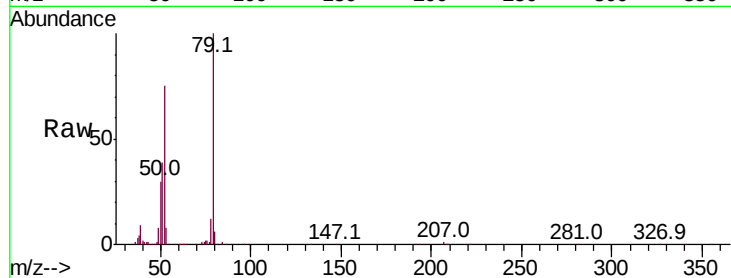
Tot Ion: 79 Resp: 442188

Ion Ratio Lower Upper

79 100

52 75.2 46.5 69.7#

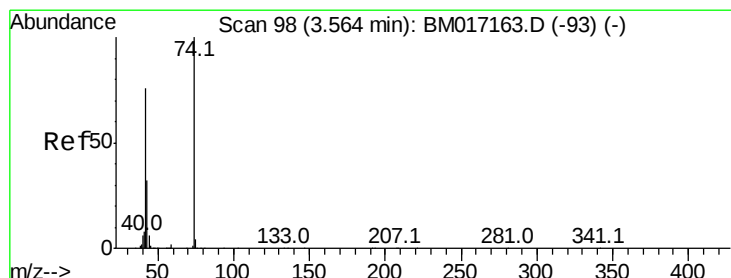
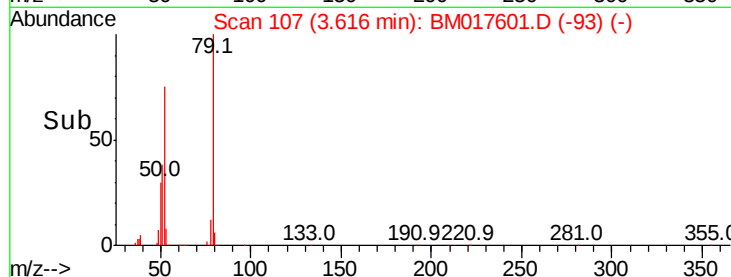
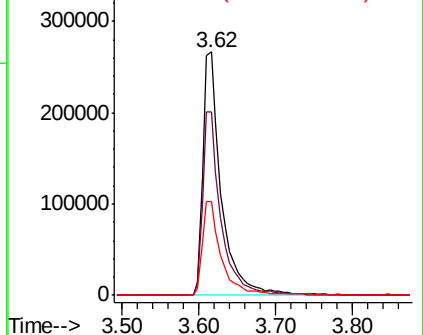
51 38.8 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017601.D (-107) (-)

Ion 52.00 (51.70 to 52.70): BM017601.D (-107) (-)

Ion 51.00 (50.70 to 51.70): BM017601.D (-107) (-)



#4

n-Nitrosodimethylamine

Concen: 43.269 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

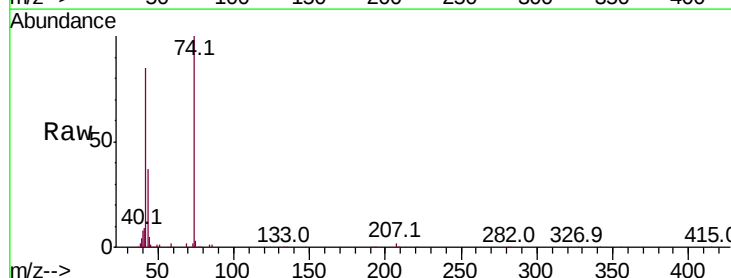
Tgt Ion: 42 Resp: 260461

Ion Ratio Lower Upper

42 100

74 118.2 114.4 171.6

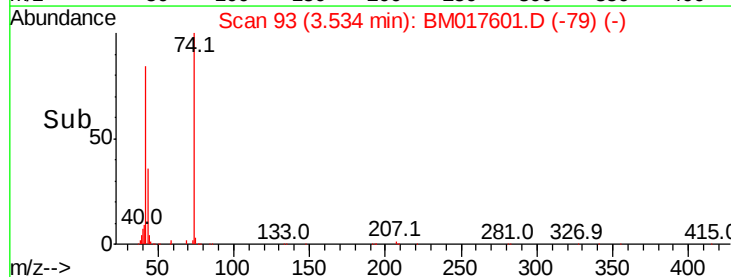
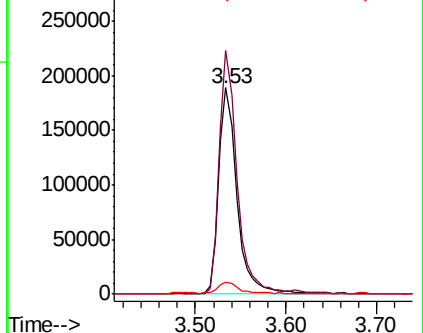
44 5.6 48.6 73.0#

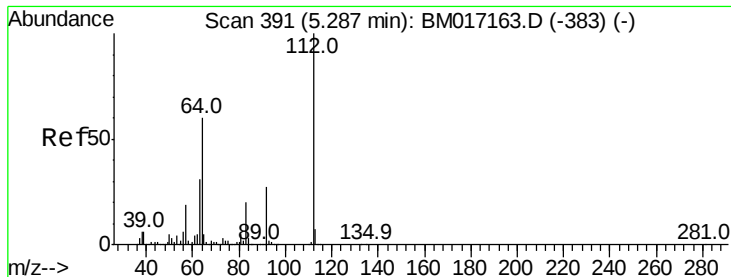


Abundance Ion 42.00 (41.70 to 42.70): BM017601.D (-93) (-)

Ion 74.00 (73.70 to 74.70): BM017601.D (-93) (-)

Ion 44.00 (43.70 to 44.70): BM017601.D (-93) (-)





#5

2-Fluorophenol

Concen: 125.522 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

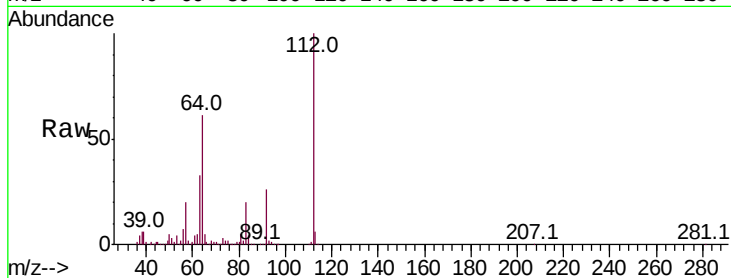
BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:112 Resp: 1601912

Ion	Ratio	Lower	Upper
112	100		
64	60.9	41.7	62.5
63	32.5	23.0	34.4

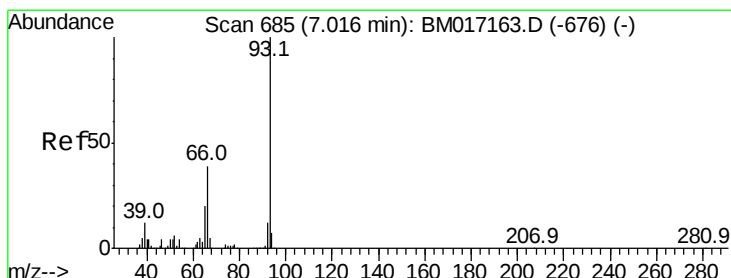
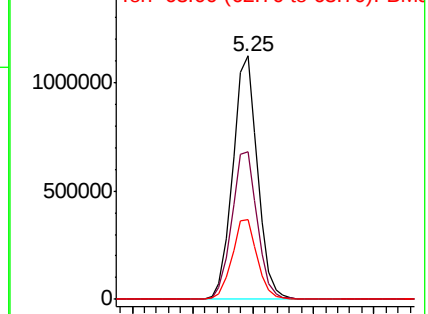
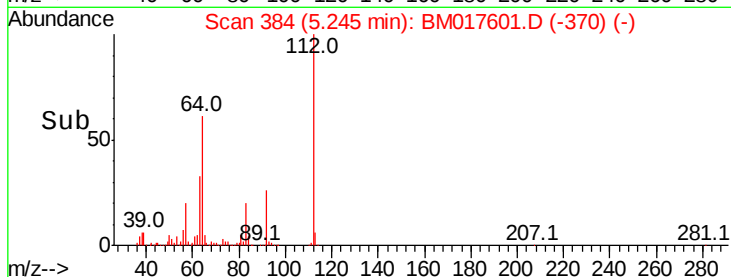


Abundance

Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 32.267 ng

RT: 6.96 min Scan# 676

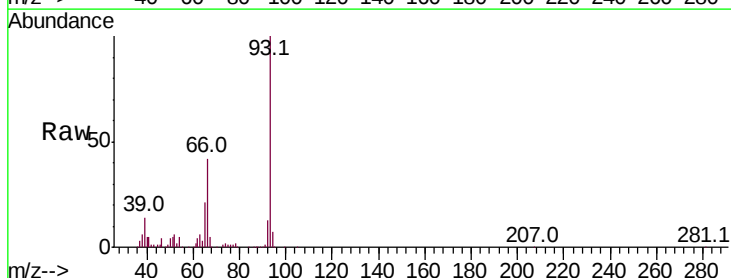
Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Tgt Ion: 93 Resp: 701495

Ion	Ratio	Lower	Upper
93	100		
66	41.6	30.4	45.6
65	20.7	15.3	22.9

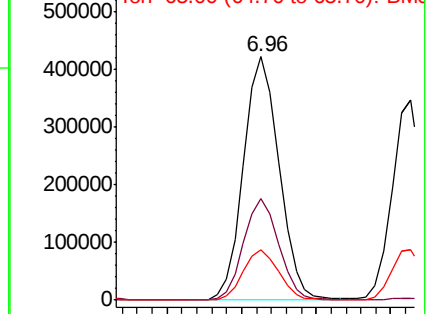
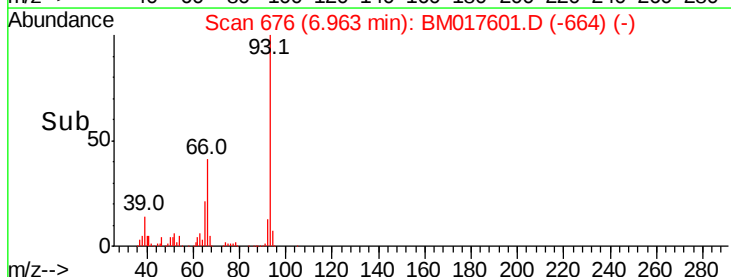


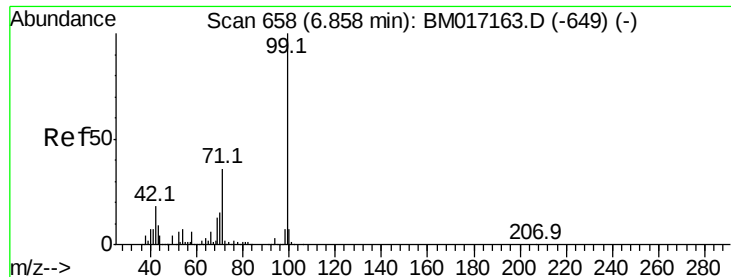
Abundance

Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 128.130 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

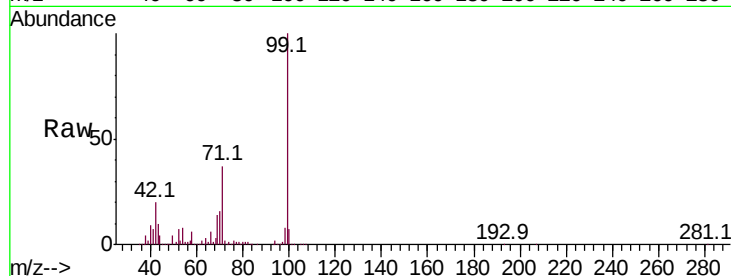
Tot Ion: 99 Resp: 2227052

Ion Ratio Lower Upper

99 100

42 19.6 13.3 19.9

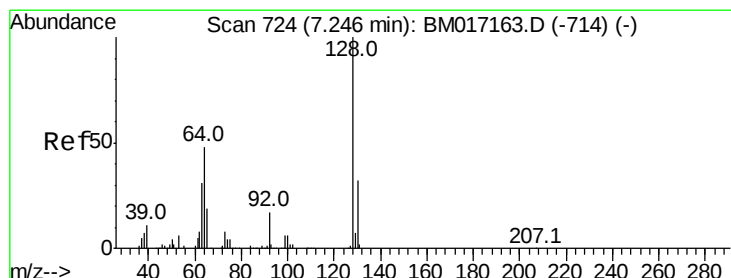
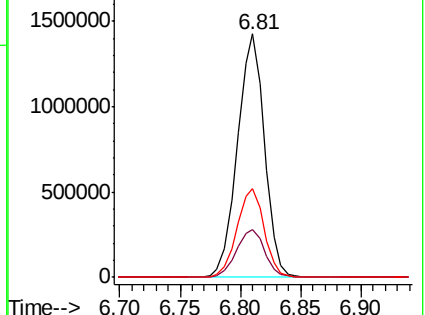
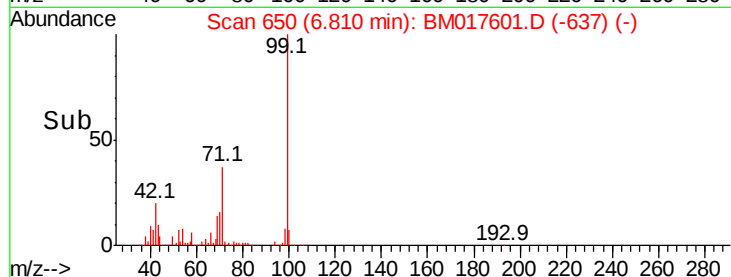
71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017601.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM017601.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM017601.D (-637) (-)



#8

2-Chlorophenol

Concen: 38.545 ng

RT: 7.19 min Scan# 715

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

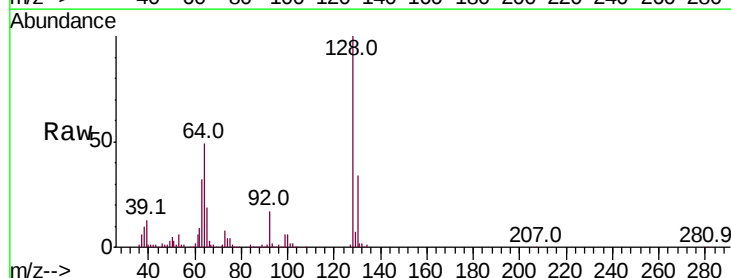
Tgt Ion:128 Resp: 569089

Ion Ratio Lower Upper

128 100

130 33.8 11.0 51.0

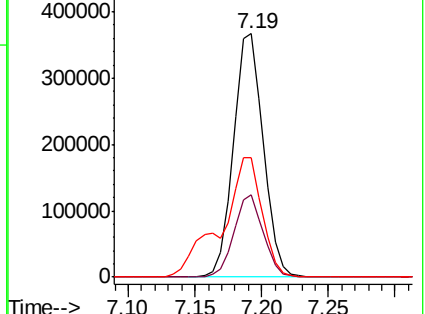
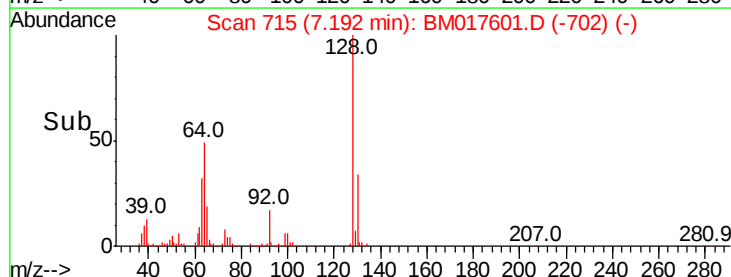
64 49.3 24.1 64.1

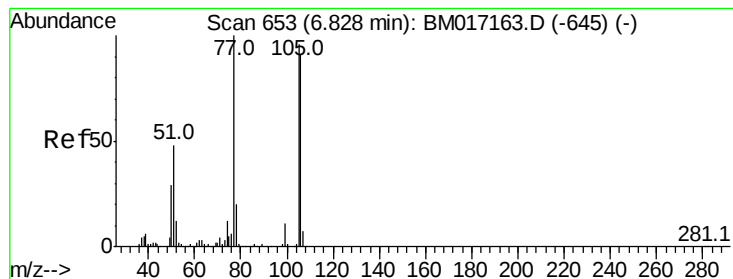


Abundance Ion 128.00 (127.70 to 128.70): BM017601.D (-702) (-)

Ion 130.00 (129.70 to 130.70): BM017601.D (-702) (-)

Ion 64.00 (63.70 to 64.70): BM017601.D (-702) (-)





#9

Benzaldehyde

Concen: 29.041 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

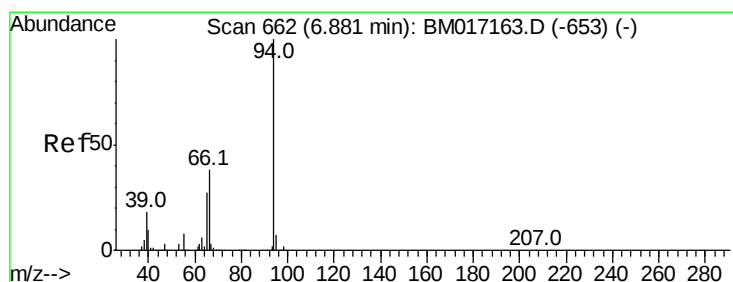
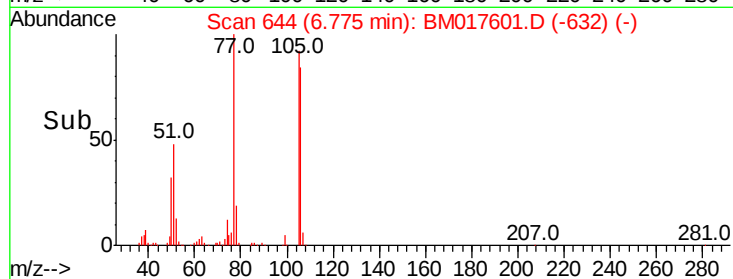
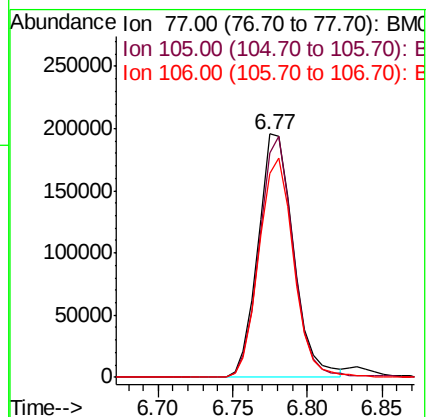
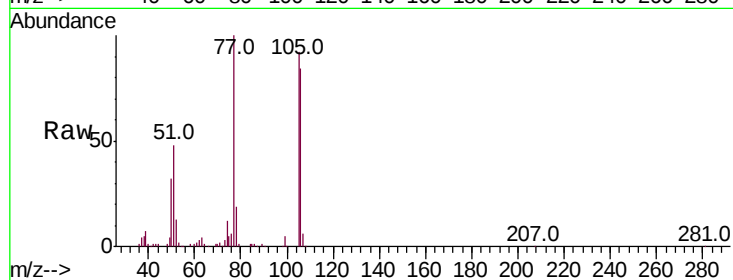
Tot Ion: 77 Resp: 321842

Ion Ratio Lower Upper

77 100

105 92.1 83.9 123.9

106 83.9 78.2 118.2



#10

Phenol

Concen: 45.442 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

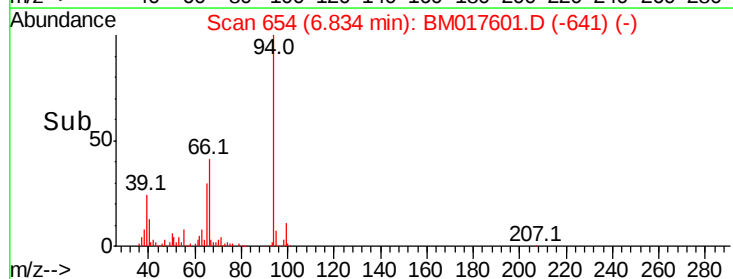
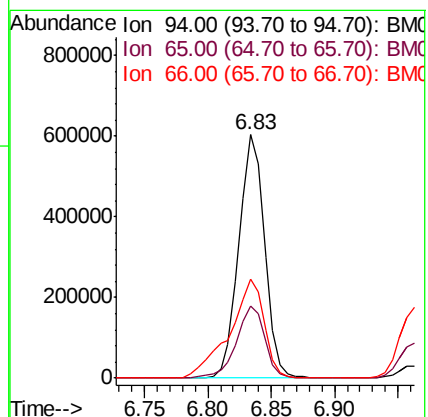
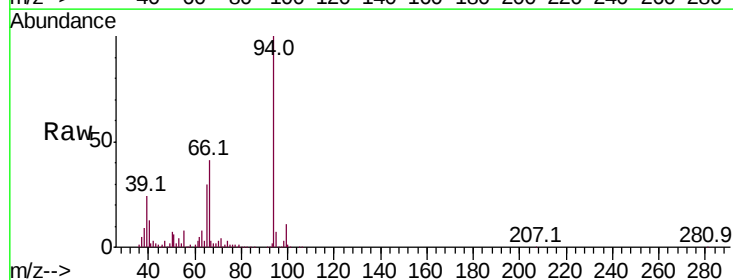
Tgt Ion: 94 Resp: 850062

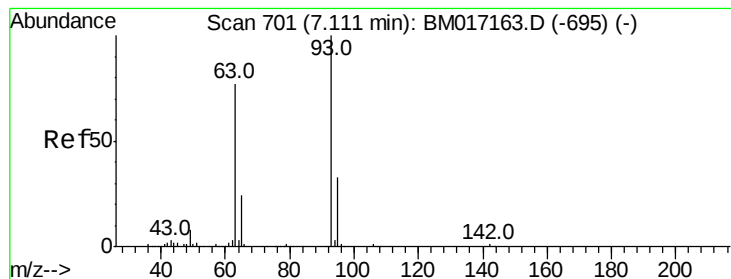
Ion Ratio Lower Upper

94 100

65 29.6 9.4 49.4

66 40.7 19.0 59.0





#11

bis(2-Chloroethyl)ether

Concen: 33.822 ng

RT: 7.06 min Scan# 693

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

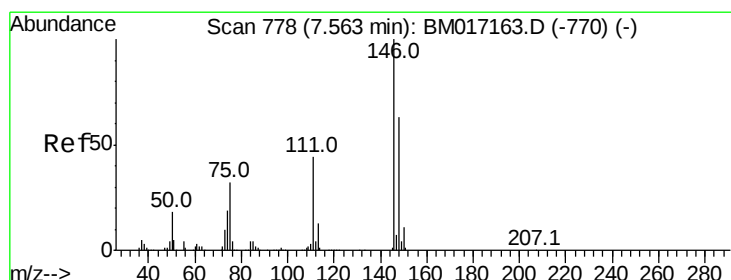
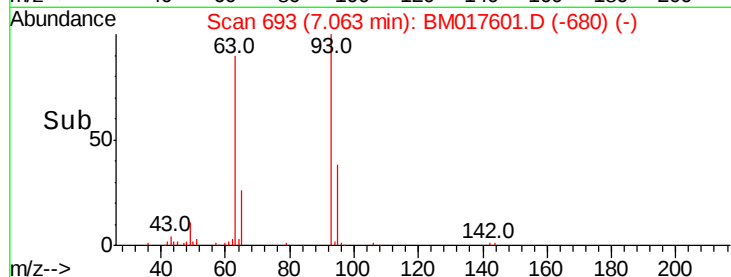
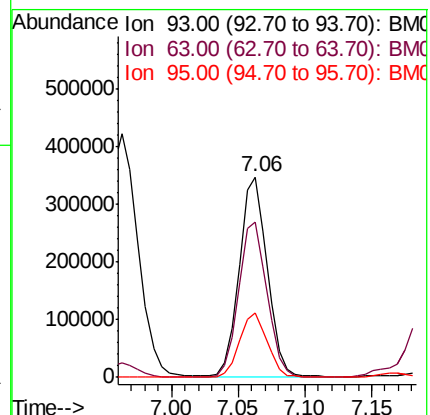
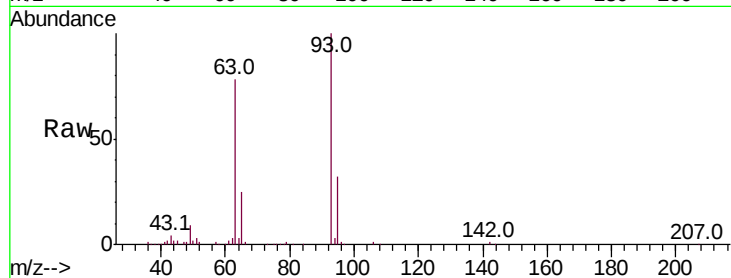
Tot Ion: 93 Resp: 504353

Ion Ratio Lower Upper

93 100

63 77.8 54.0 94.0

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.297 ng

RT: 7.50 min Scan# 768

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

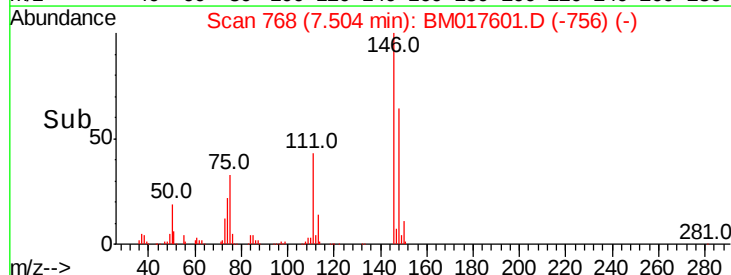
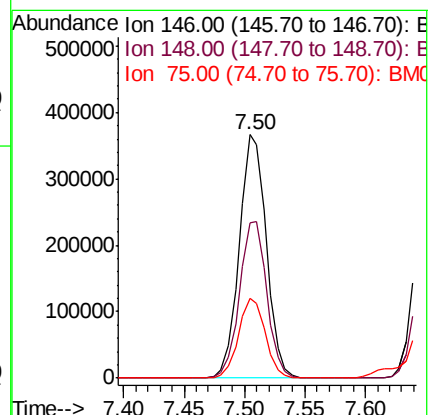
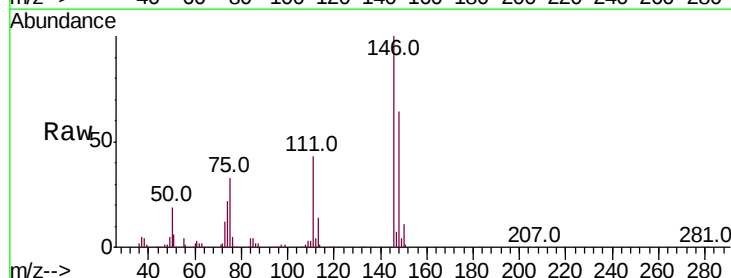
Tgt Ion: 146 Resp: 573069

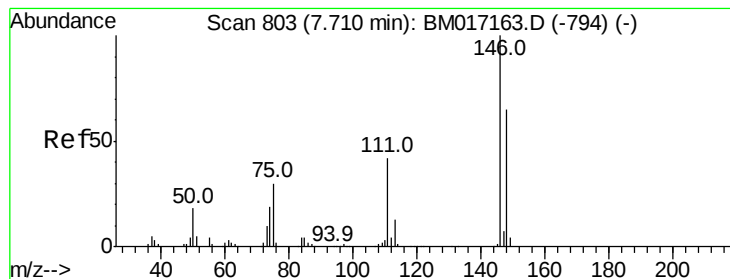
Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.4

75 33.0 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 33.462 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

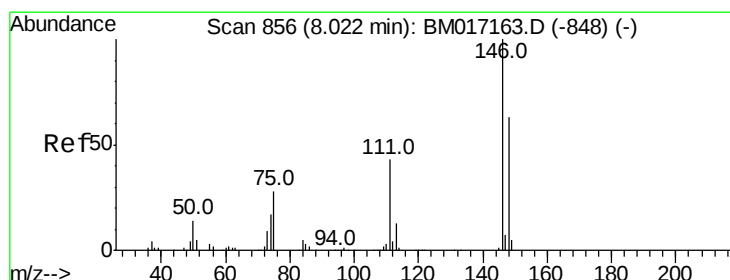
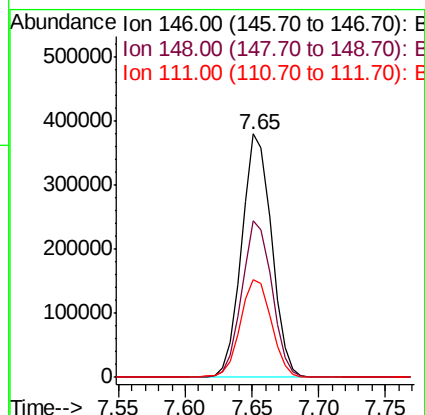
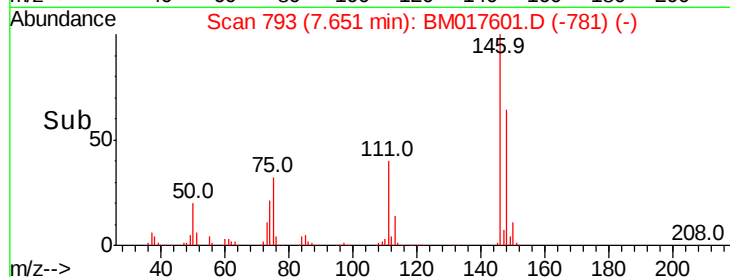
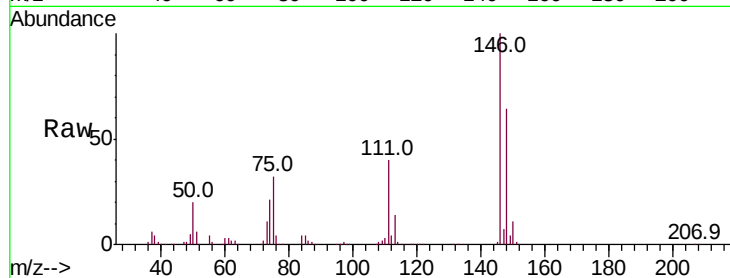
Tot Ion:146 Resp: 588398

Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

111 40.0 32.1 48.1



#14

1,2-Dichlorobenzene

Concen: 33.423 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

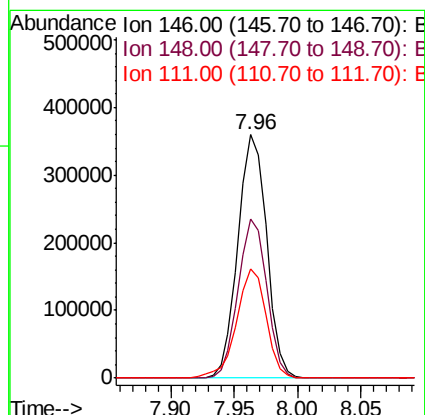
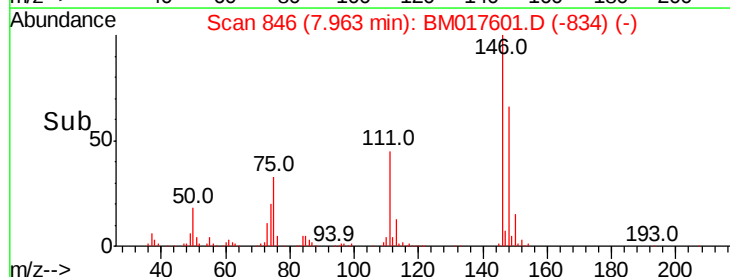
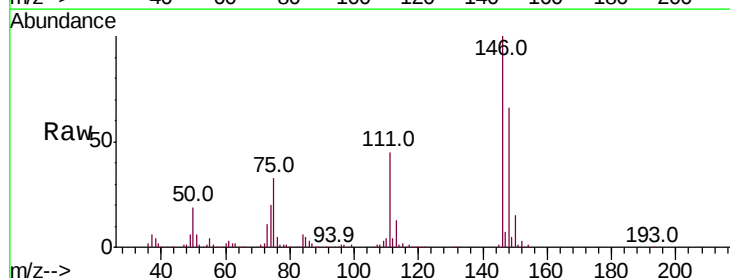
Tgt Ion:146 Resp: 566247

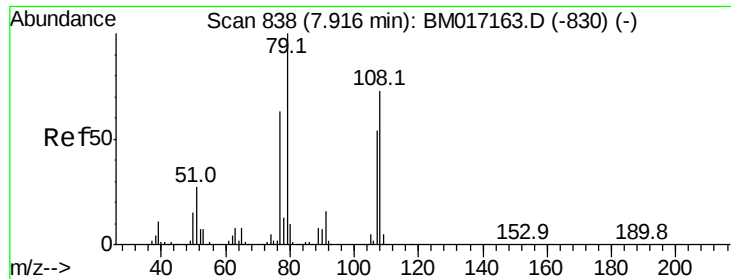
Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

111 44.6 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.347 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

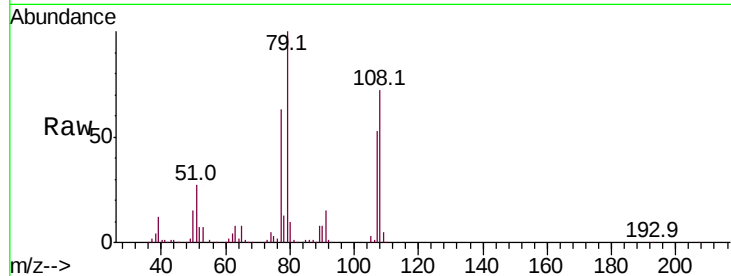
Tot Ion: 79 Resp: 512597

Ion Ratio Lower Upper

79 100

108 72.3 60.3 90.5

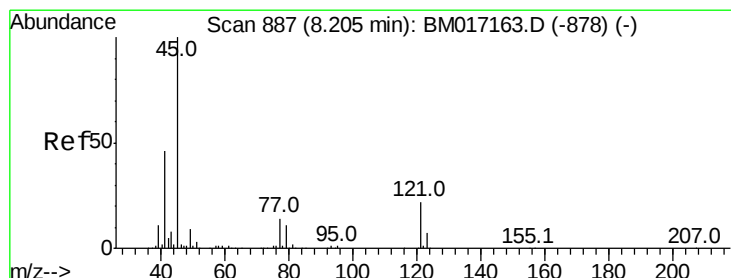
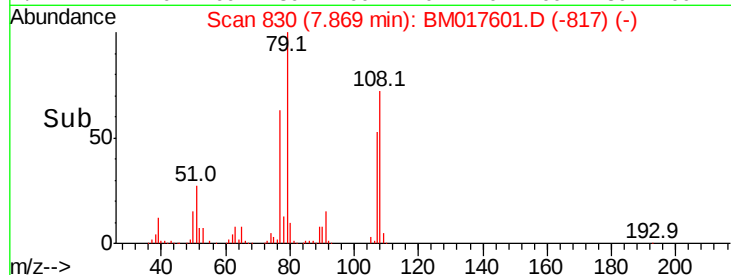
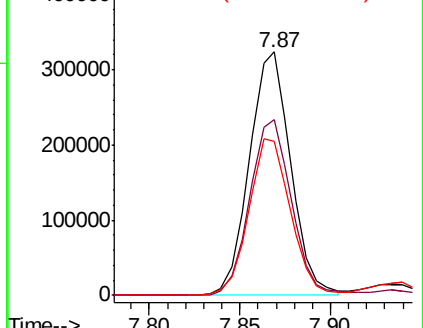
77 63.1 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017601.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM017601.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM017601.D (-817) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.391 ng

RT: 8.14 min Scan# 876

Delta R.T. -0.04 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

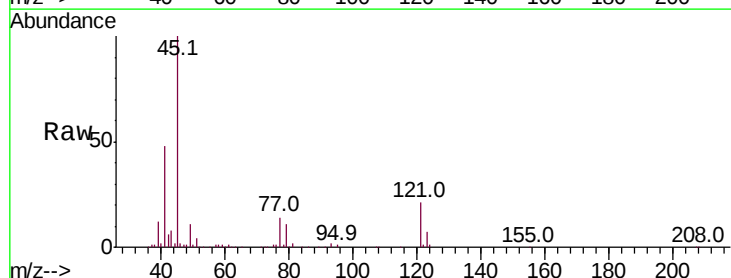
Tgt Ion: 45 Resp: 758149

Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.5

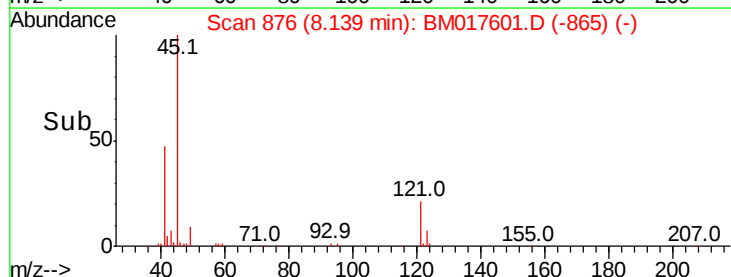
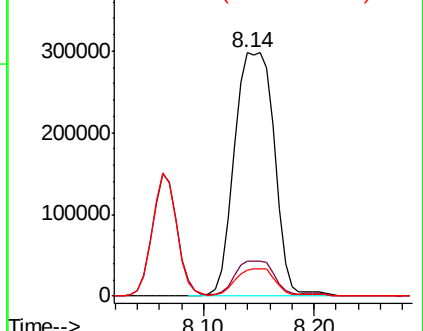
79 10.6 0.0 32.1

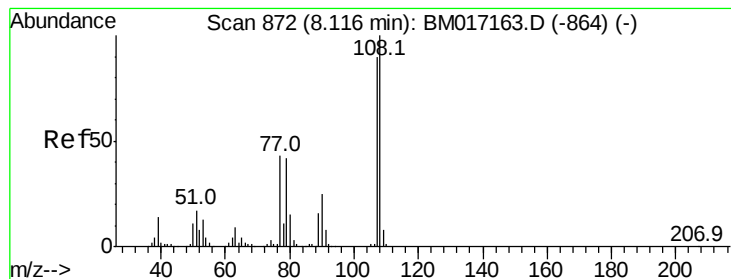


Abundance Ion 45.00 (44.70 to 45.70): BM017601.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM017601.D (-865) (-)

Ion 79.00 (78.70 to 79.70): BM017601.D (-865) (-)

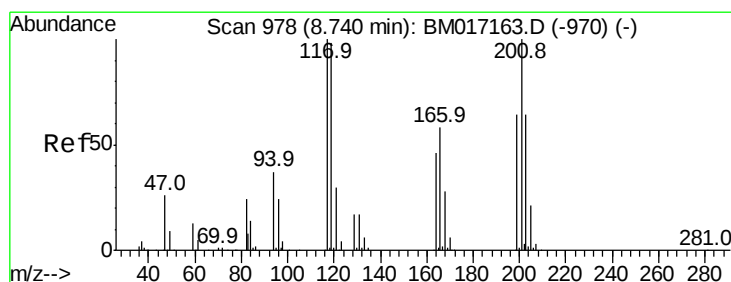
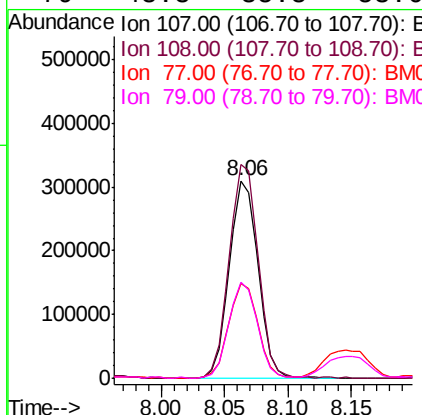
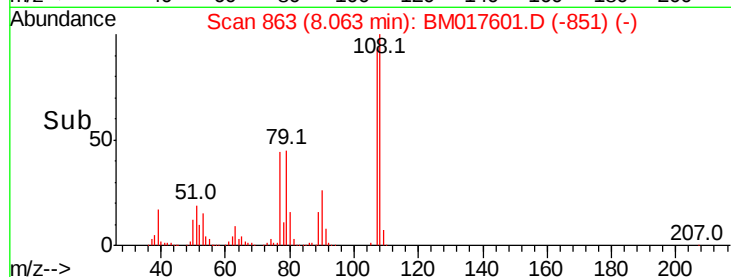
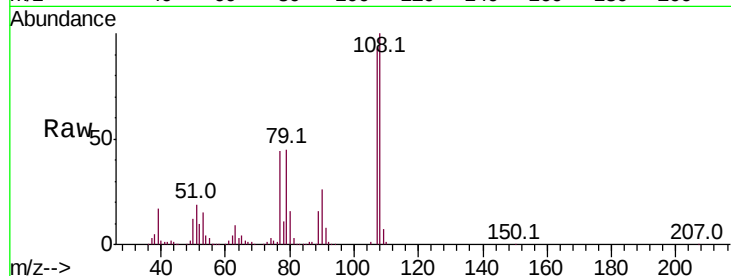




#17
2-Methylphenol
Concen: 40.620 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

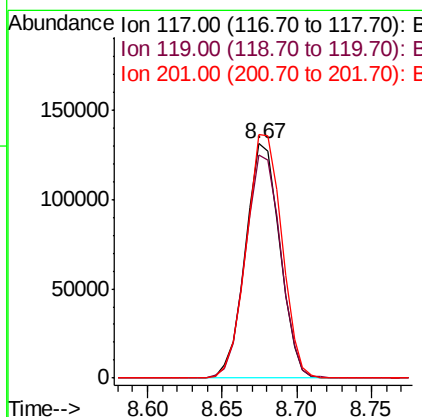
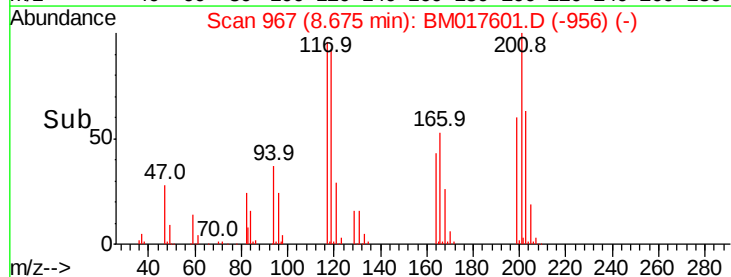
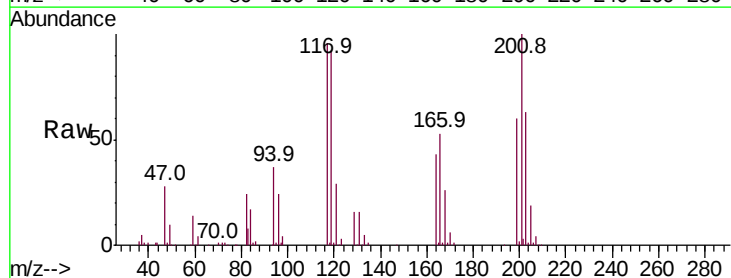
Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

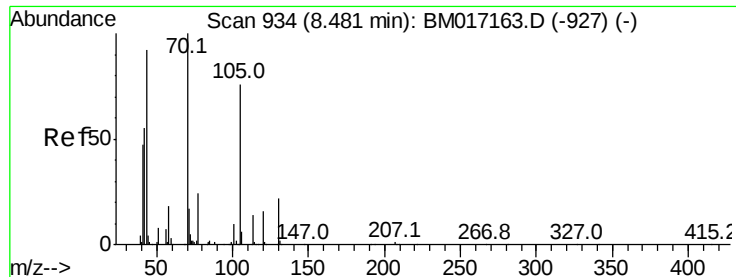
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.1	90.3	135.5
77	48.0	37.0	55.4
79	48.8	35.8	53.6



#18
Hexachloroethane
Concen: 34.699 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.04 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.2	117.2
201	103.9	85.3	127.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.971 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion: 70 Resp: 434573

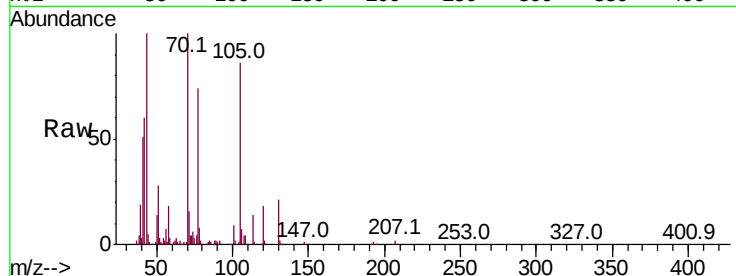
Ion Ratio Lower Upper

70 100

42 60.7 46.1 69.1

101 9.4 8.2 12.4

130 21.4 18.4 27.6



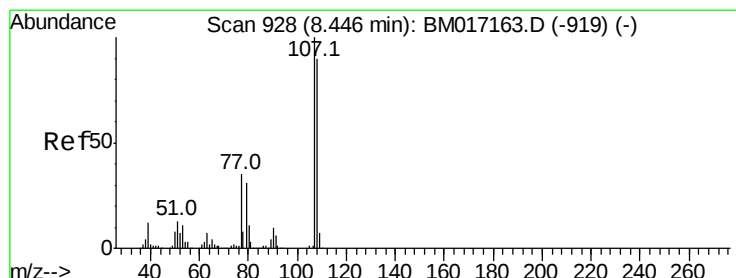
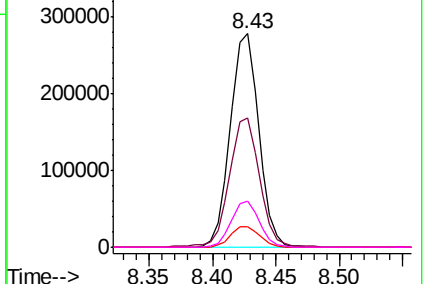
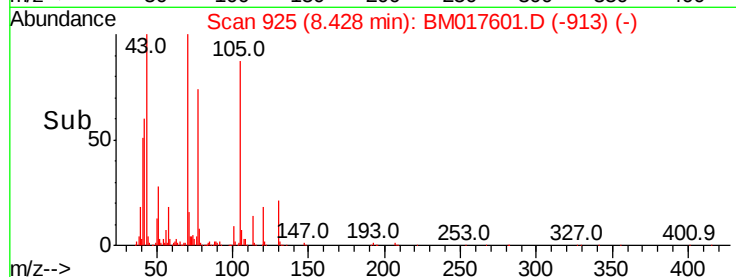
Abundance

Ion 70.00 (69.70 to 70.70): BM017601.D (-927) (-)

Ion 42.00 (41.70 to 42.70): BM017601.D (-927) (-)

Ion 101.00 (100.70 to 101.70): BM017601.D (-927) (-)

Ion 130.00 (129.70 to 130.70): BM017601.D (-927) (-)



#20

3+4-Methylphenols

Concen: 40.096 ng

RT: 8.39 min Scan# 919

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Tgt Ion: 107 Resp: 658454

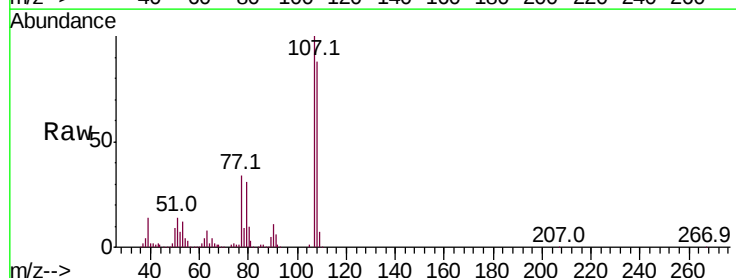
Ion Ratio Lower Upper

107 100

108 88.3 69.9 109.9

77 34.3 12.2 52.2

79 31.0 9.0 49.0



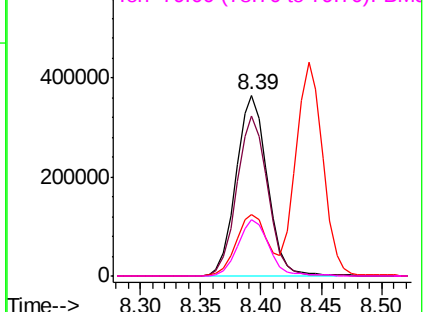
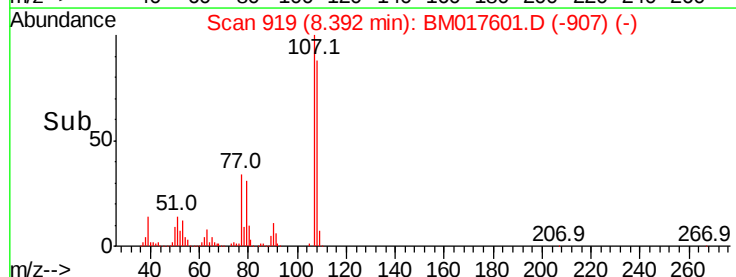
Abundance

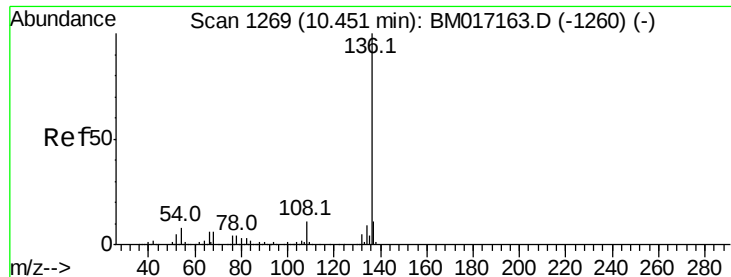
Ion 107.00 (106.70 to 107.70): BM017601.D (-907) (-)

Ion 108.00 (107.70 to 108.70): BM017601.D (-907) (-)

Ion 77.00 (76.70 to 77.70): BM017601.D (-907) (-)

Ion 79.00 (78.70 to 79.70): BM017601.D (-907) (-)

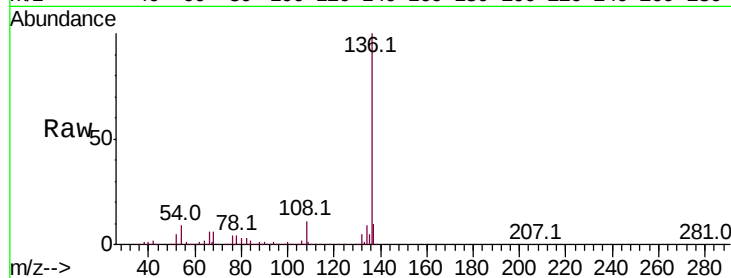




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion:136	Resp:	915815
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.2 13.8
54	9.0	6.7 10.1
68	6.0	4.7 7.1



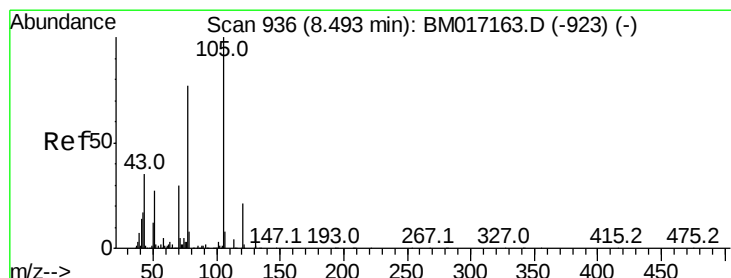
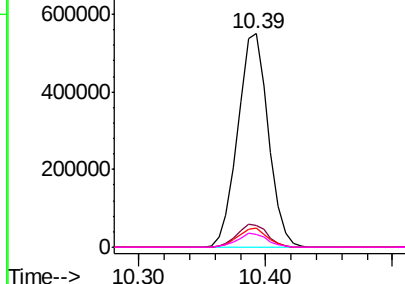
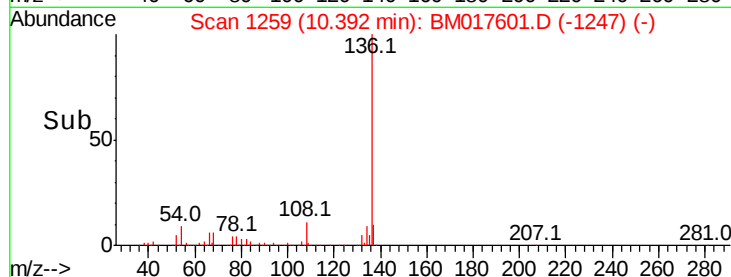
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

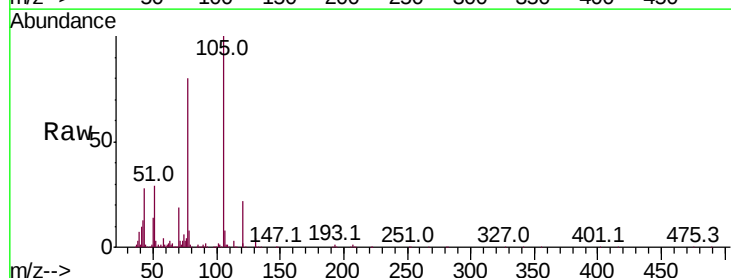
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 36.232 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:105	Resp:	841116
Ion	Ratio	Lower Upper
105	100	
71	3.1	2.0 3.0#
51	29.1	20.6 31.0
120	21.7	17.5 26.3



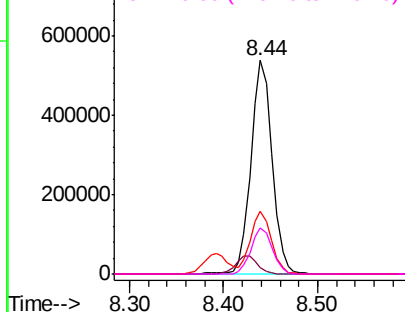
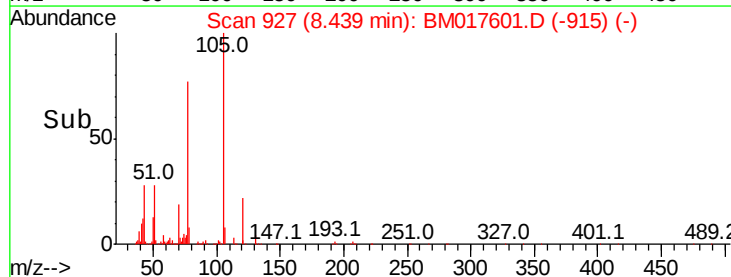
Abundance

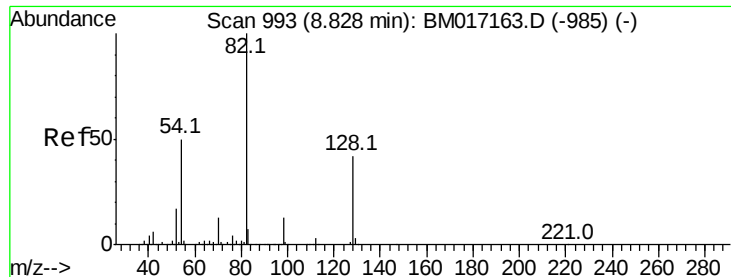
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

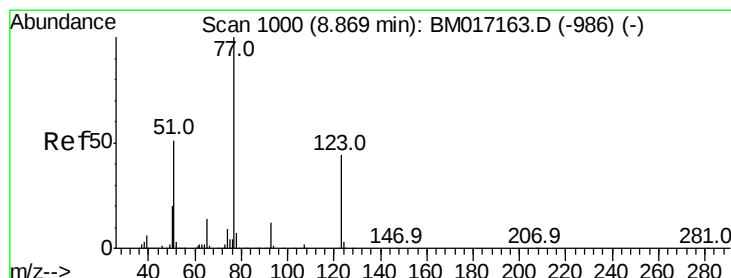
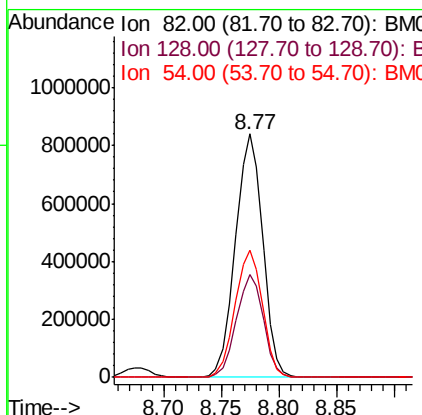
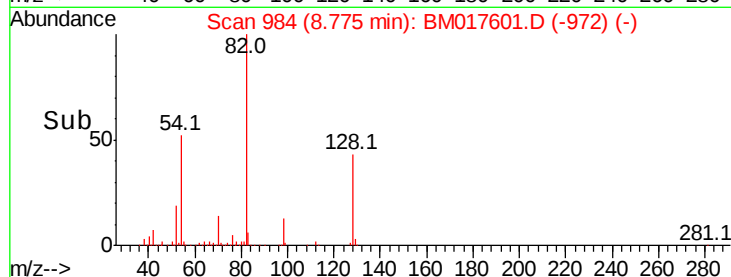
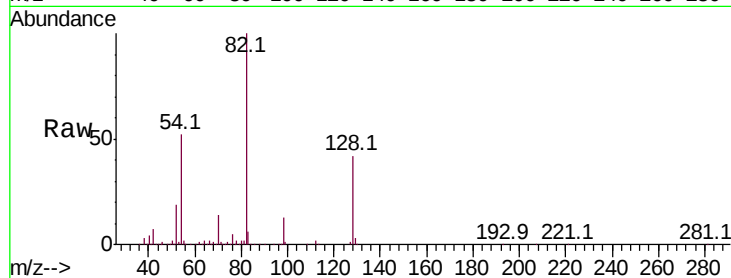




#23
 Nitrobenzene-d5
 Concen: 87.917 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

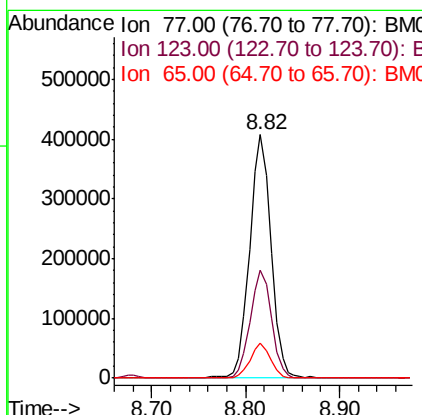
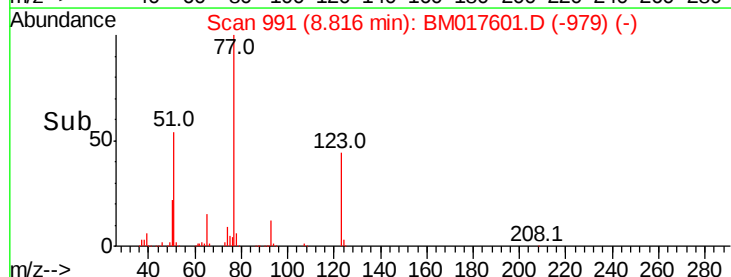
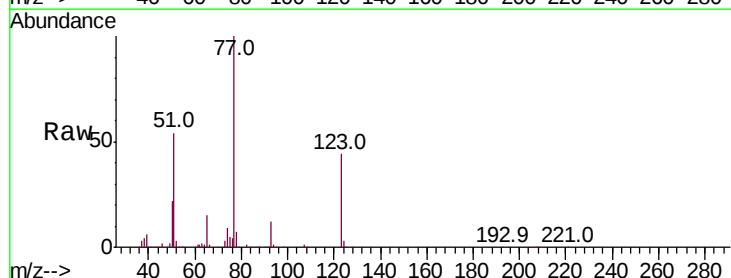
Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

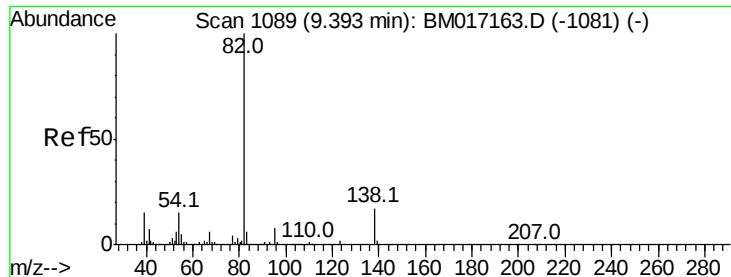
Tot Ion: 82 Resp: 1376675
 Ion Ratio Lower Upper
 82 100
 128 42.5 37.0 55.6
 54 52.3 40.7 61.1



#24
 Nitrobenzene
 Concen: 38.625 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Tgt Ion: 77 Resp: 639766
 Ion Ratio Lower Upper
 77 100
 123 44.2 40.2 60.4
 65 14.5 11.4 17.0





#25

Isophorone

Concen: 44.688 ng

RT: 9.34 min Scan# 1080

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

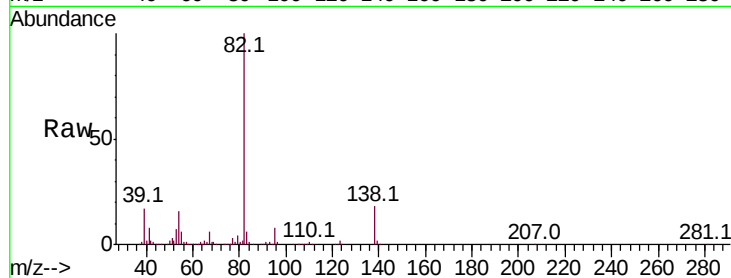
Tot Ion: 82 Resp: 1155505

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

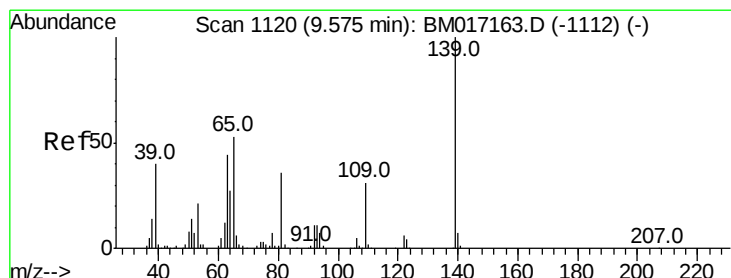
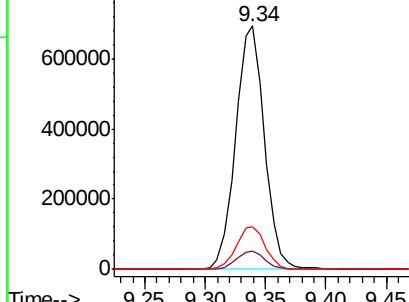
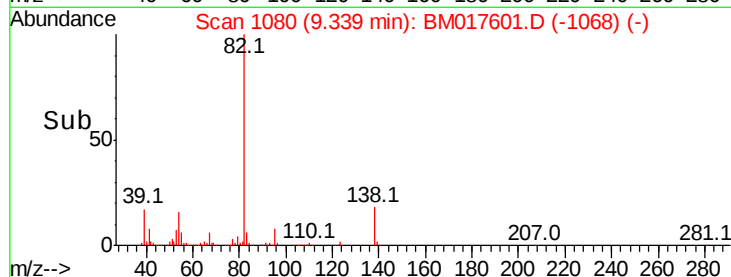
138 17.6 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017601.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM017601.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM017601.D (-1081) (-)



#26

2-Nitrophenol

Concen: 40.294 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

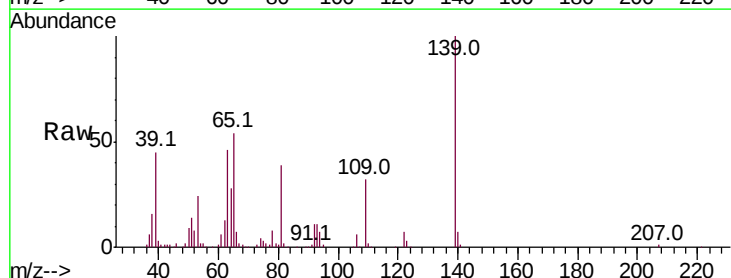
Tgt Ion: 139 Resp: 304304

Ion Ratio Lower Upper

139 100

109 31.6 23.2 34.8

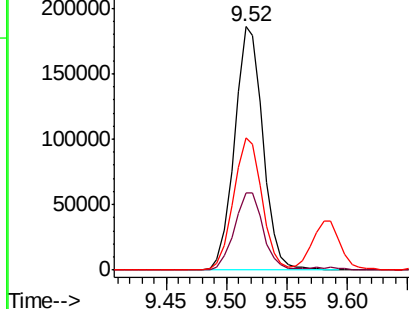
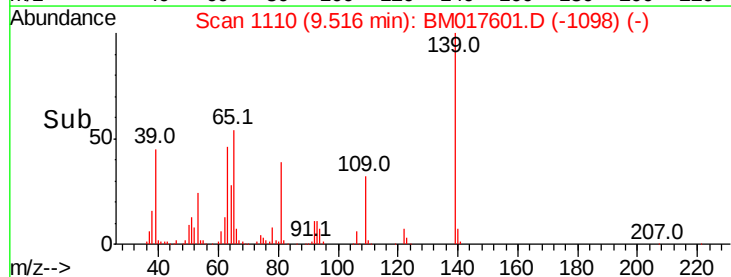
65 54.3 40.6 61.0

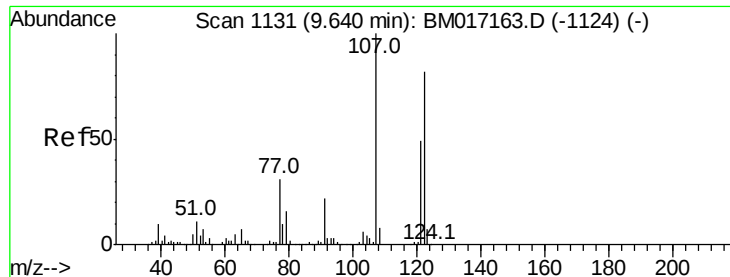


Abundance Ion 139.00 (138.70 to 139.70): BM017601.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM017601.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM017601.D (-1098) (-)

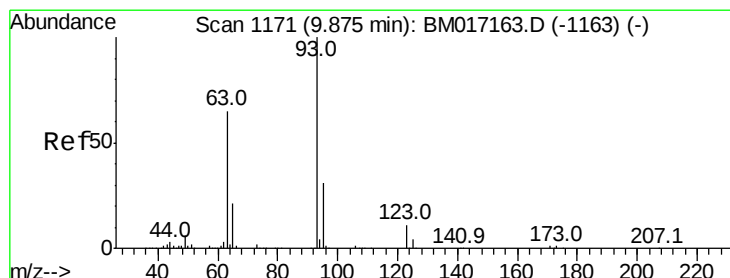
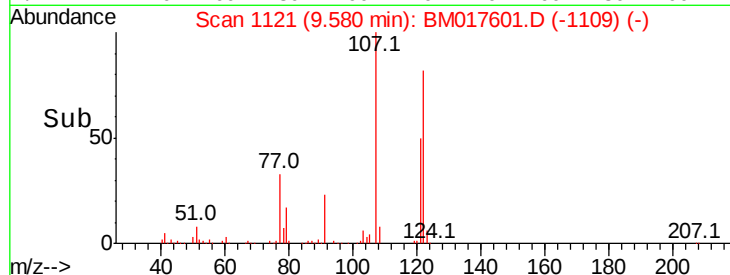
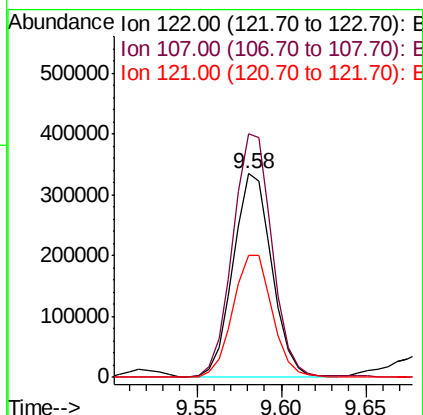
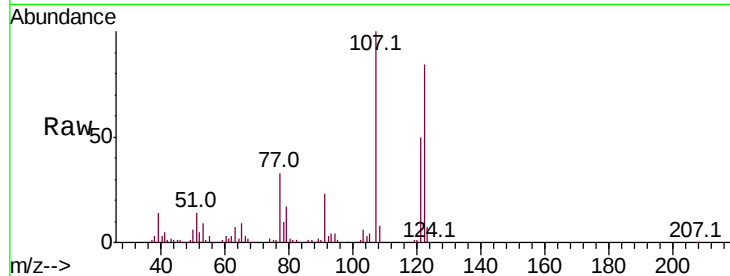




#27
 2,4-Dimethylphenol
 Concen: 46.496 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

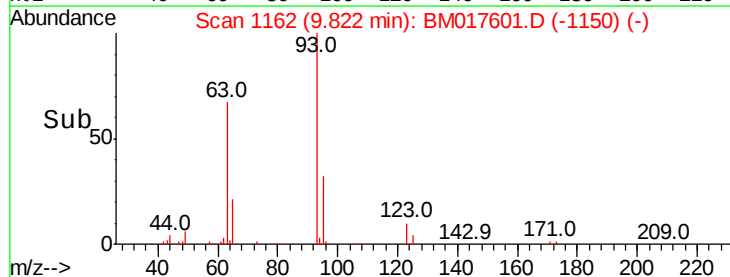
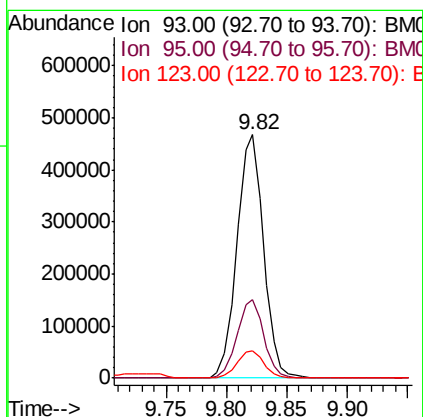
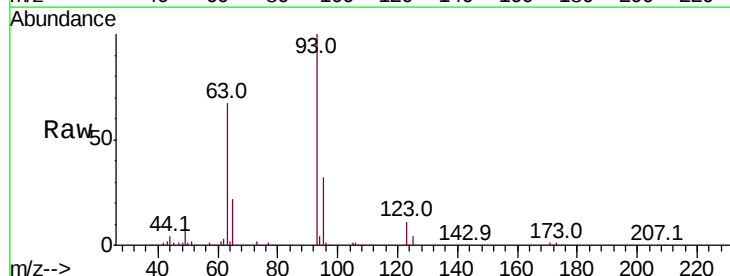
Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

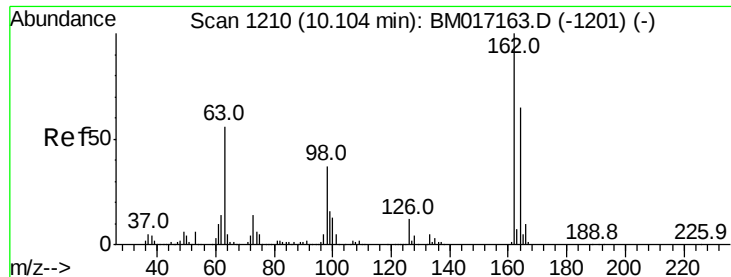
Tot Ion:122 Resp: 531619
 Ion Ratio Lower Upper
 122 100
 107 119.5 95.0 142.6
 121 60.0 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.593 ng
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.03 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Tgt Ion: 93 Resp: 720562
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.7 38.5
 123 11.2 9.4 14.0

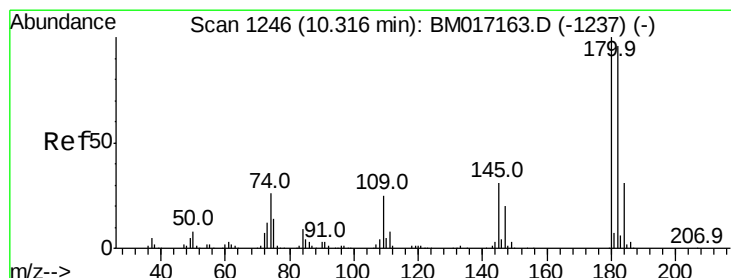
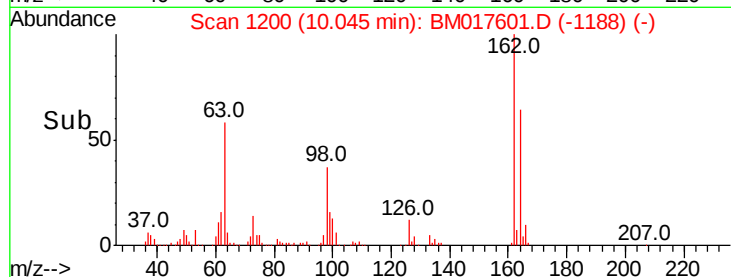
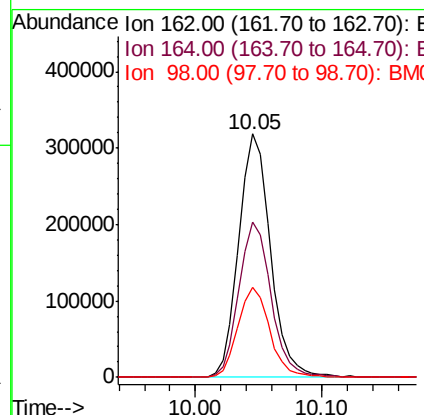
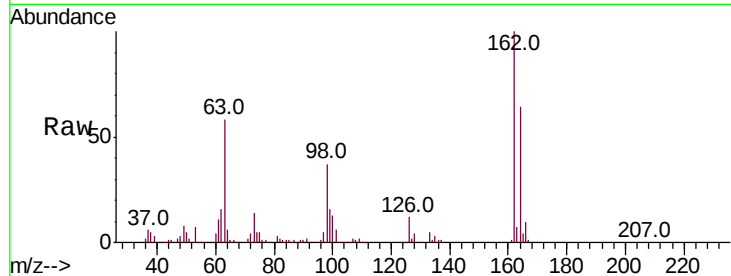




#29
 2,4-Dichlorophenol
 Concen: 41.800 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

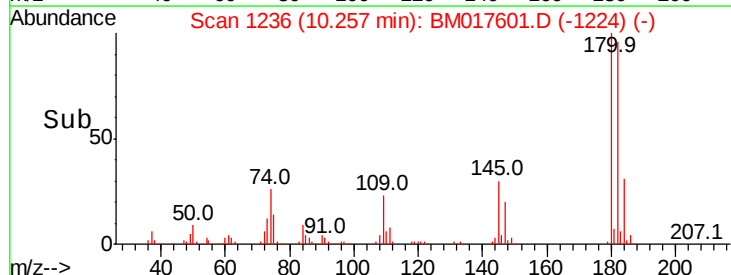
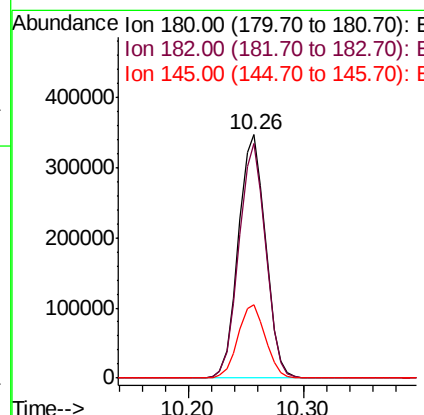
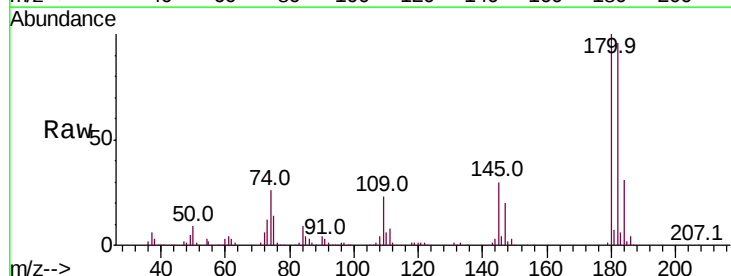
Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

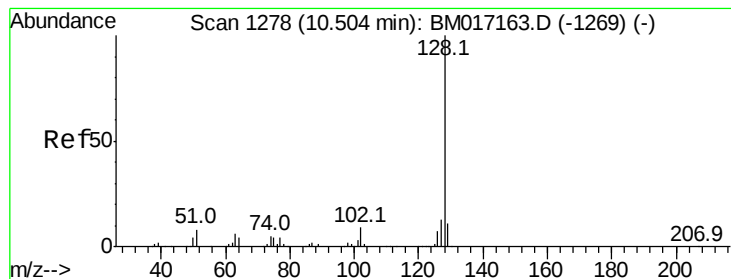
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	36.7	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 35.490 ng
 RT: 10.26 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.5	116.3
145	30.3	24.0	36.0

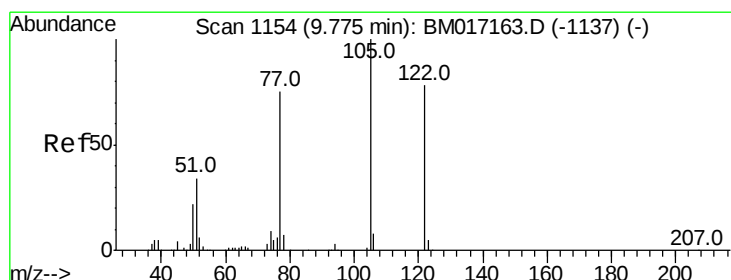
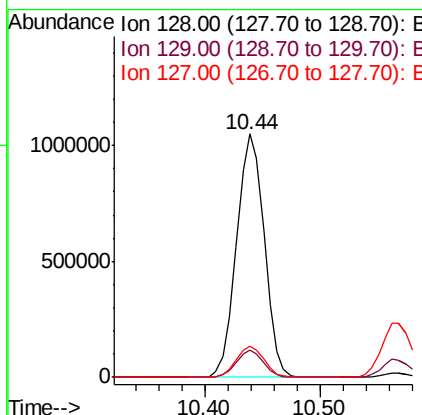
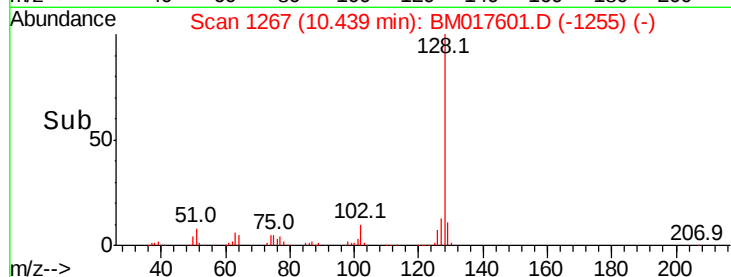
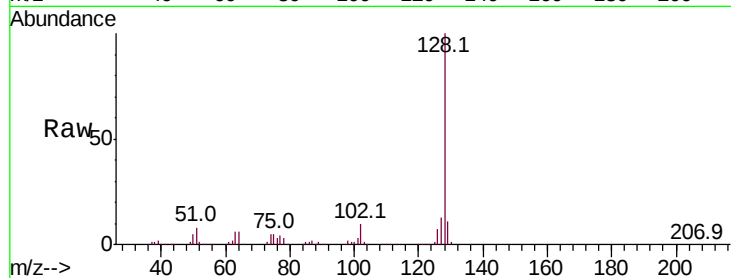




#31
Naphthalene
Concen: 38.814 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

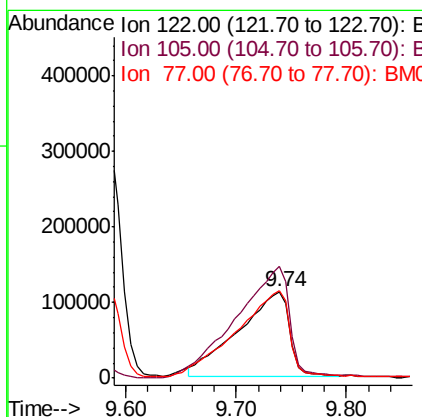
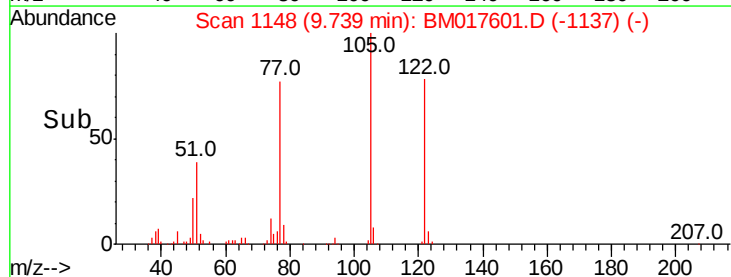
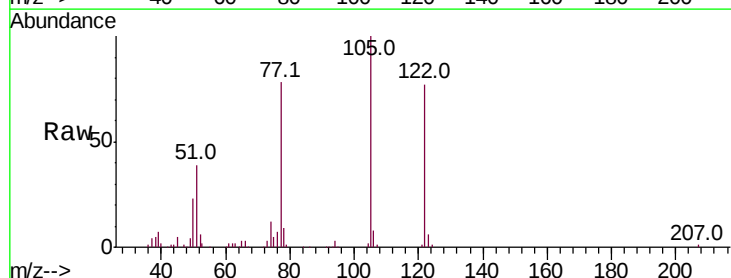
Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

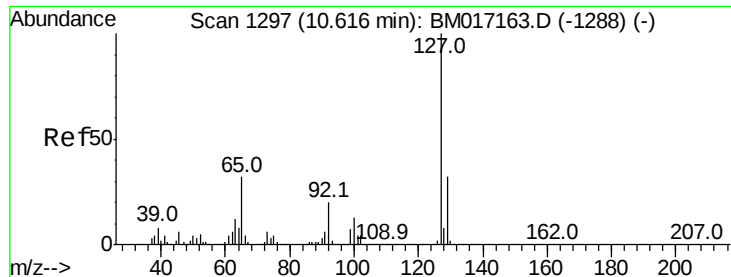
Tot Ion:128 Resp: 1741970
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 42.435 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.04 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:122 Resp: 362013
Ion Ratio Lower Upper
122 100
105 129.4 102.0 142.0
77 101.3 67.7 107.7

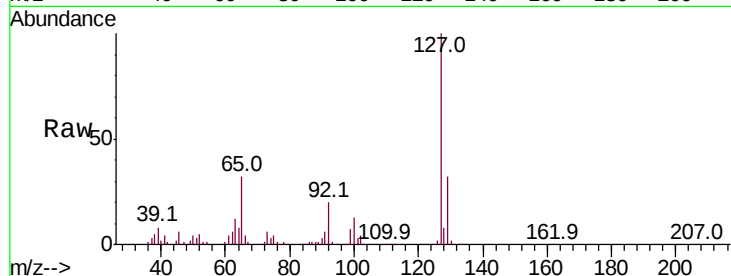




#33
4-Chloroaniline
Concen: 22.834 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion:	127	Resp:	442592
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	32.0	23.7	35.5
92	19.8	14.3	21.5



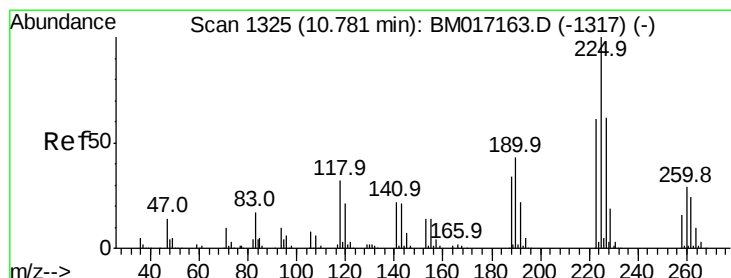
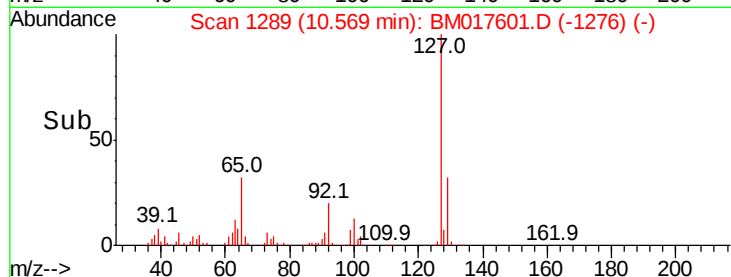
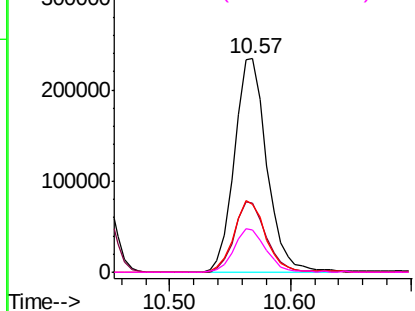
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

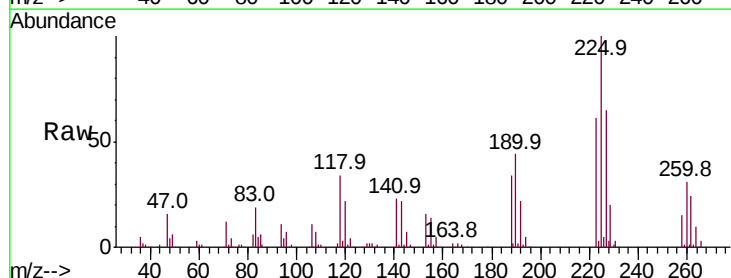
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 32.942 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:	225	Resp:	332398
Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.0	76.6
227	64.7	50.8	76.2

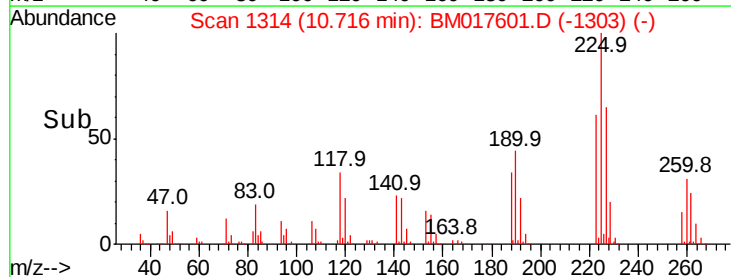
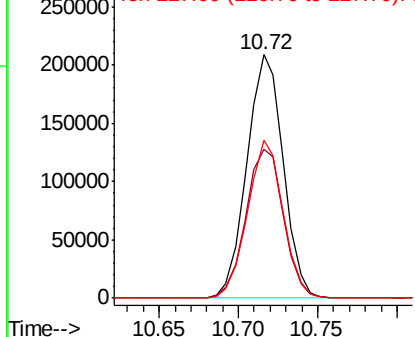


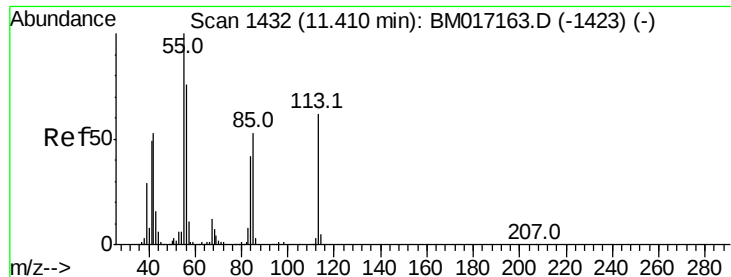
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

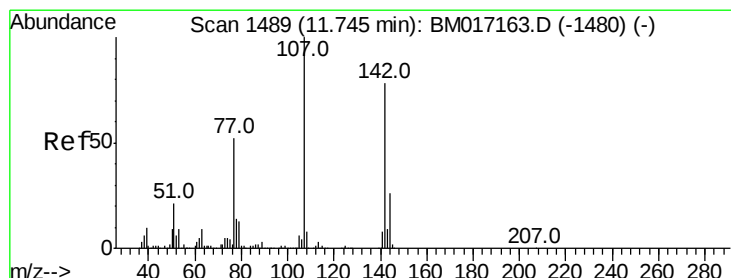
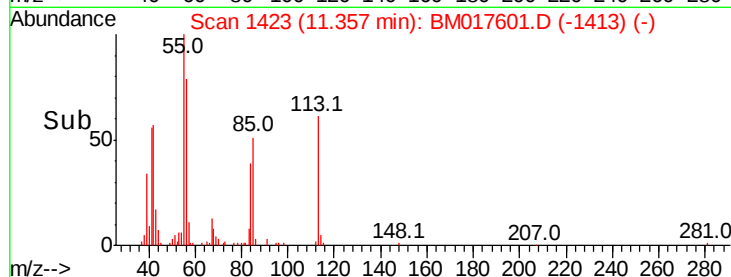
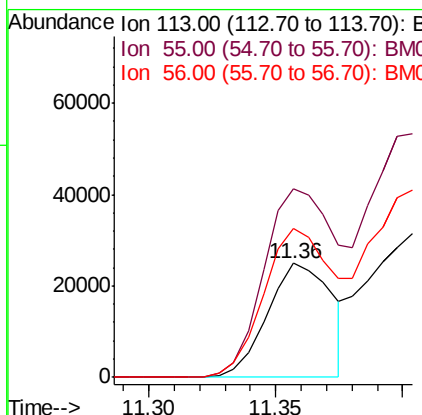
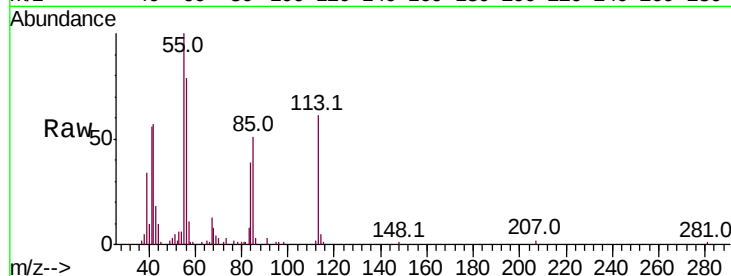




#35
 Caprolactam
 Concen: 9.125 ng
 RT: 11.36 min Scan# 1423
 Delta R.T. -0.04 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

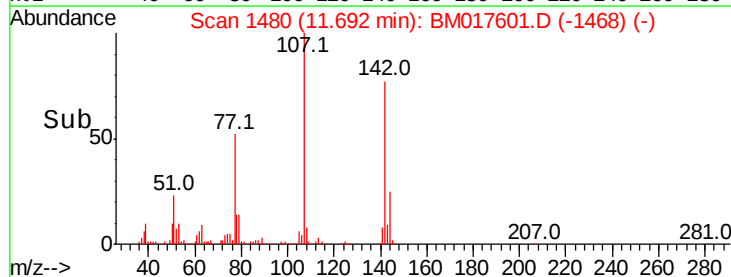
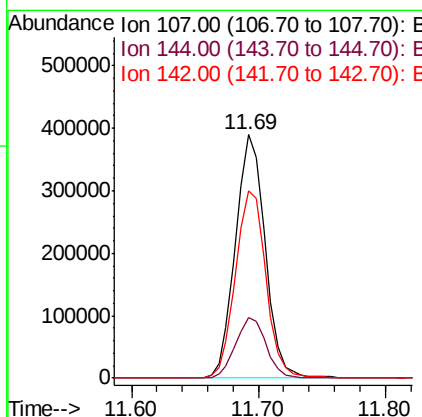
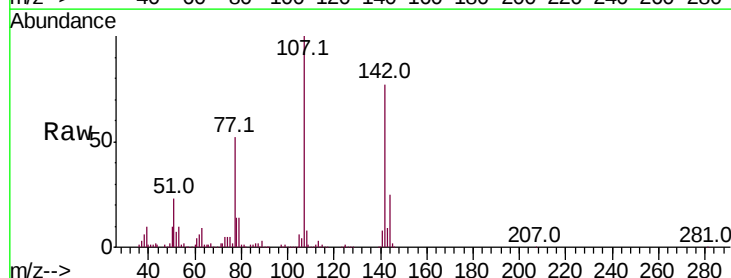
Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

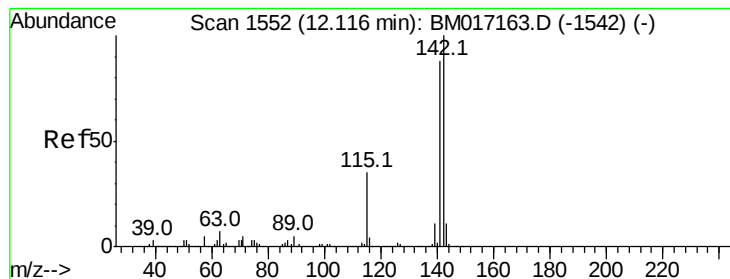
Tot Ion:113 Resp: 44148
 Ion Ratio Lower Upper
 113 100
 55 165.0 147.0 187.0
 56 129.8 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.316 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. -0.03 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Tgt Ion:107 Resp: 633207
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.6 32.4
 142 76.9 66.0 99.0





#37

2-Methylnaphthalene

Concen: 42.546 ng

RT: 12.06 min Scan# 1542

Delta R.T. -0.04 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

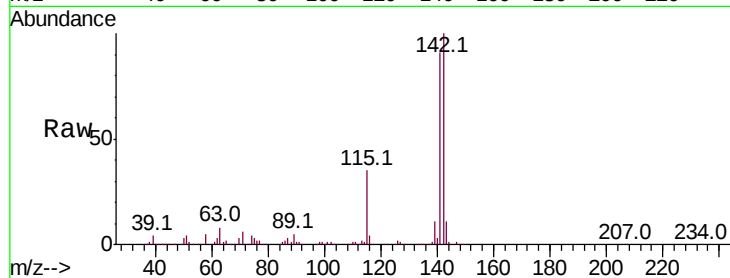
Tot Ion:142 Resp: 1306661

Ion Ratio Lower Upper

142 100

141 90.6 70.9 106.3

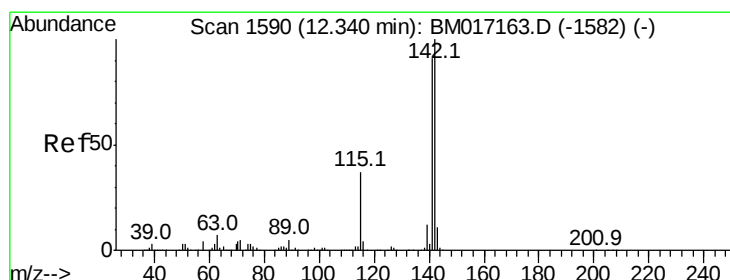
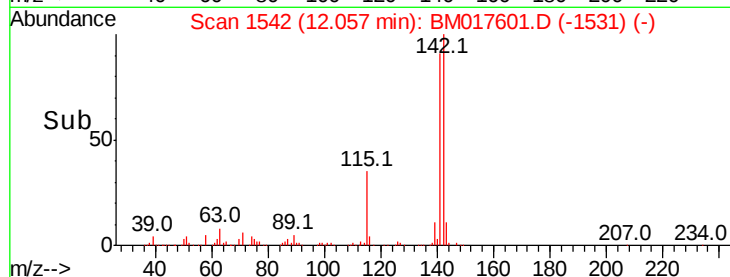
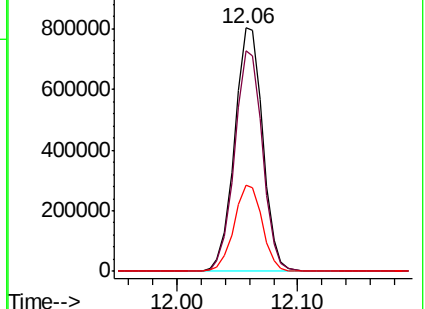
115 35.3 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.860 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

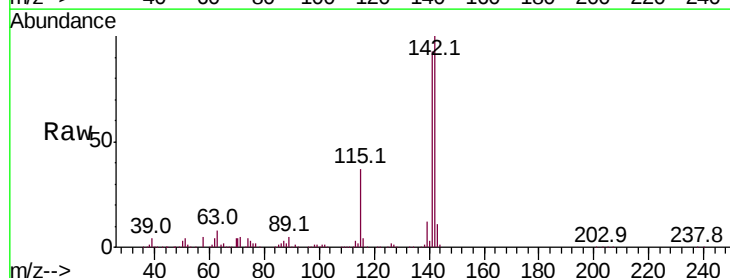
Tgt Ion:142 Resp: 1251251

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.6

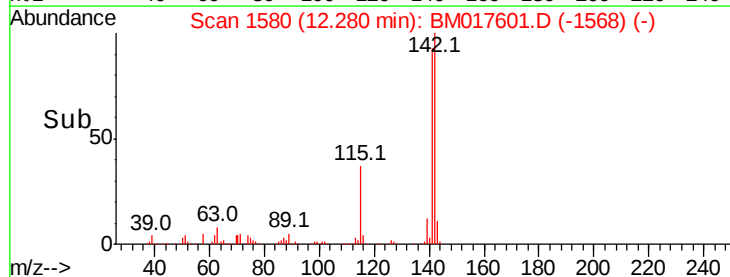
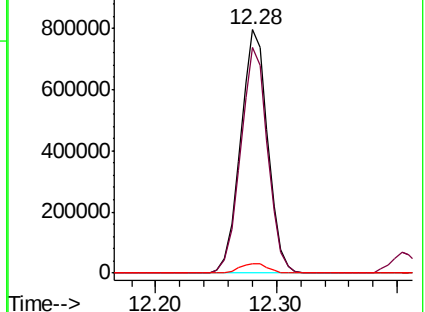
116 4.0 2.9 4.3

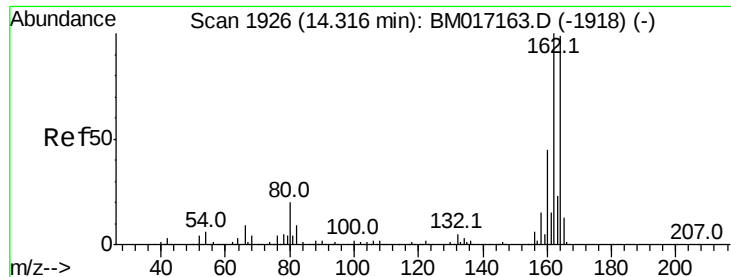


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

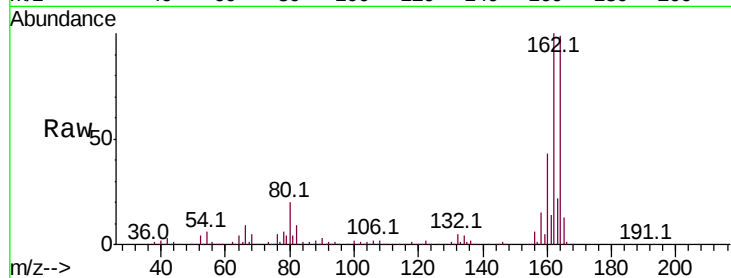
Tot Ion:164 Resp: 551776

Ion Ratio Lower Upper

164 100

162 100.6 82.1 123.1

160 43.5 40.2 60.2

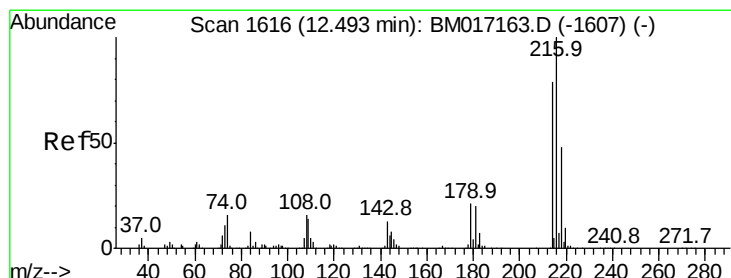
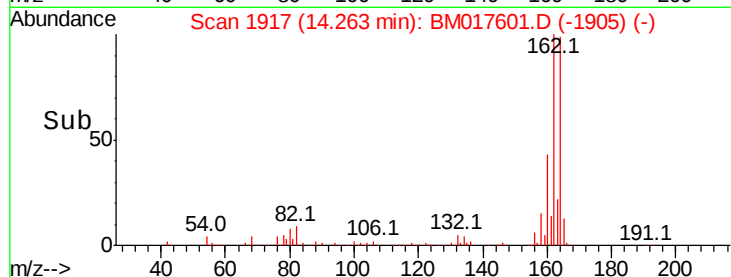
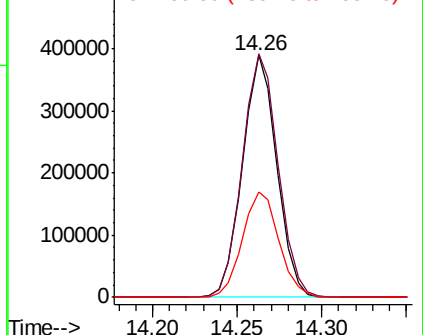


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.837 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Tgt Ion:216 Resp: 676941

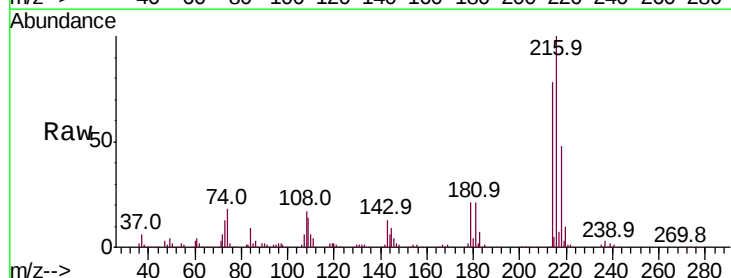
Ion Ratio Lower Upper

216 100

214 77.0 62.6 93.8

179 21.0 16.6 24.8

108 20.3 13.5 20.3#



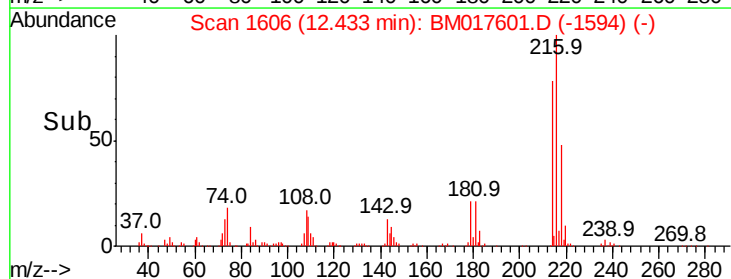
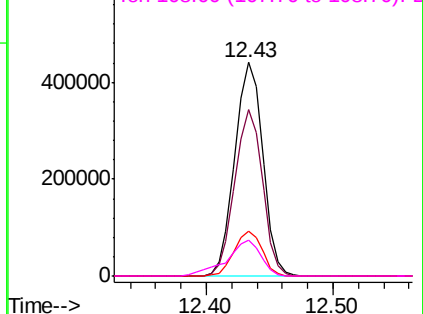
Abundance

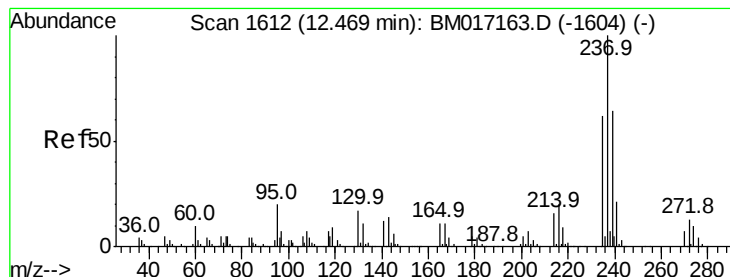
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.949 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

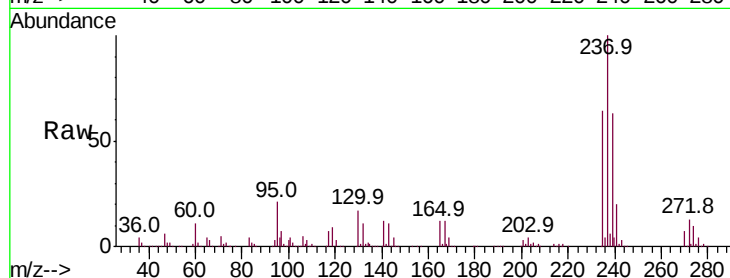
Tot Ion:237 Resp: 835578

Ion Ratio Lower Upper

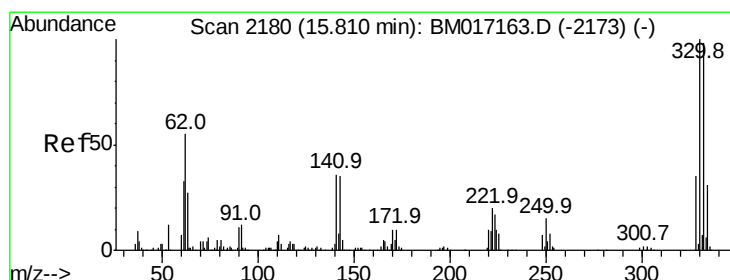
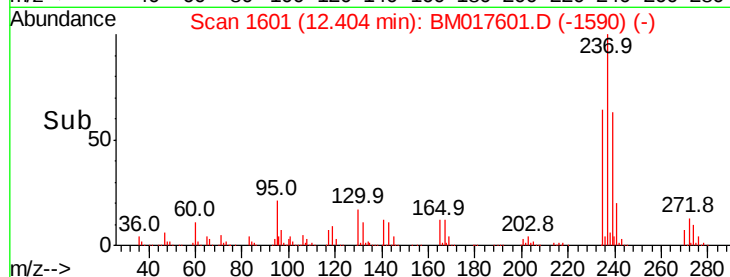
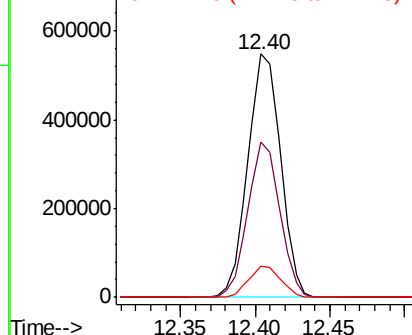
237 100

235 63.9 42.4 82.4

272 12.8 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.645 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

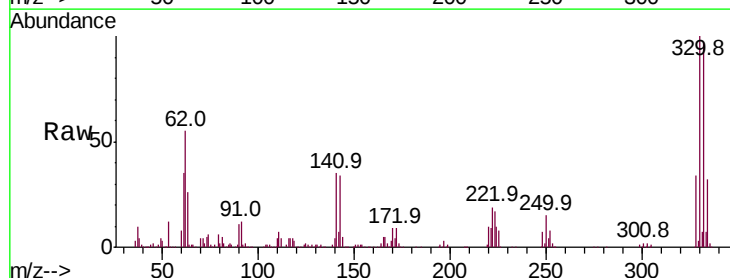
Tgt Ion:330 Resp: 989792

Ion Ratio Lower Upper

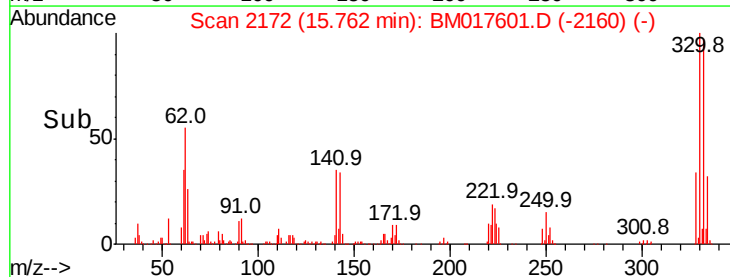
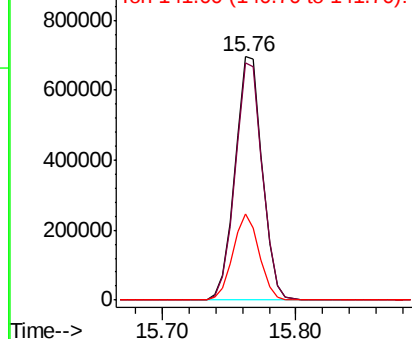
330 100

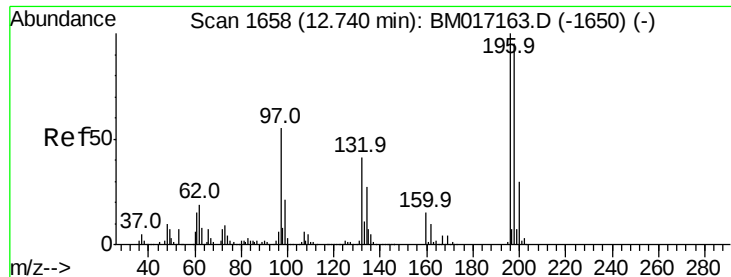
332 97.2 77.3 115.9

141 34.2 27.4 41.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 41.737 ng

RT: 12.68 min Scan# 1648

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

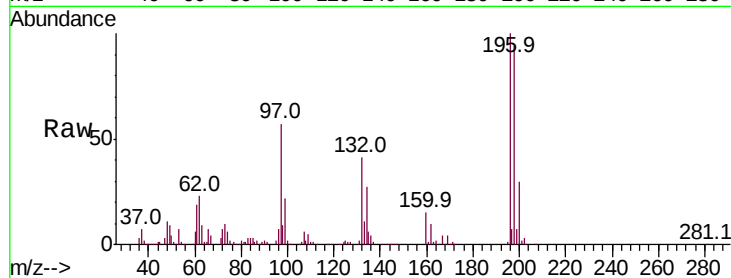
Tot Ion:196 Resp: 470803

Ion Ratio Lower Upper

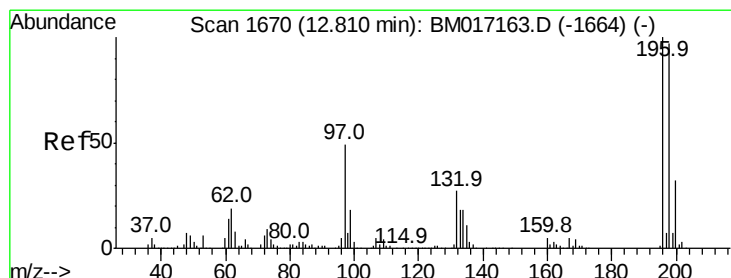
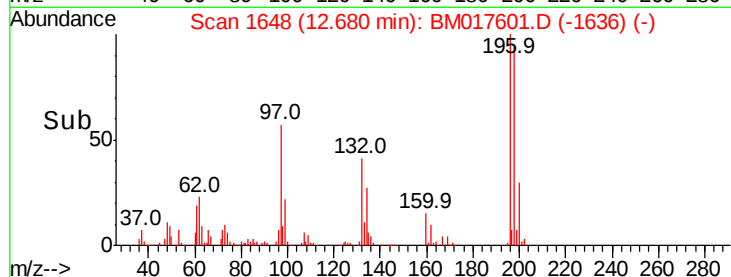
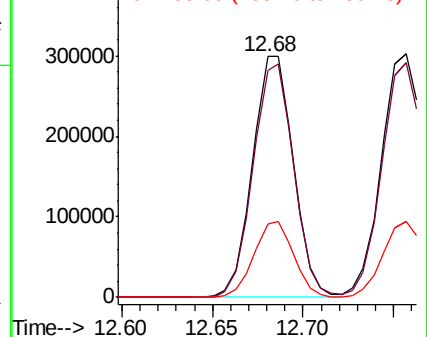
196 100

198 94.4 77.1 115.7

200 30.4 25.0 37.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.526 ng

RT: 12.76 min Scan# 1661

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Tgt Ion:196 Resp: 514393

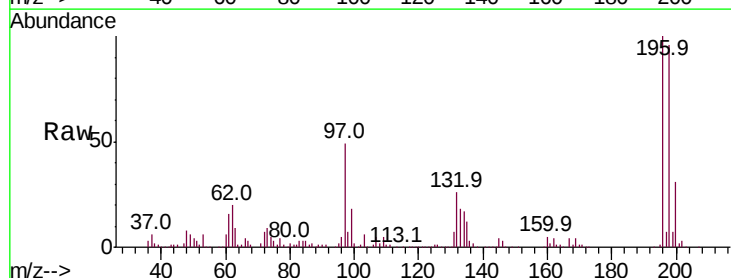
Ion Ratio Lower Upper

196 100

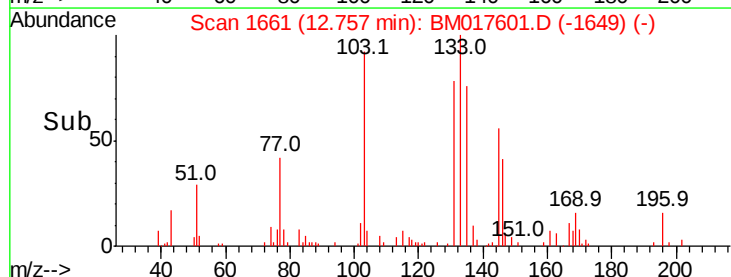
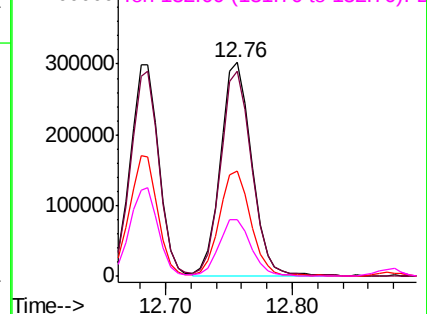
198 96.1 76.6 115.0

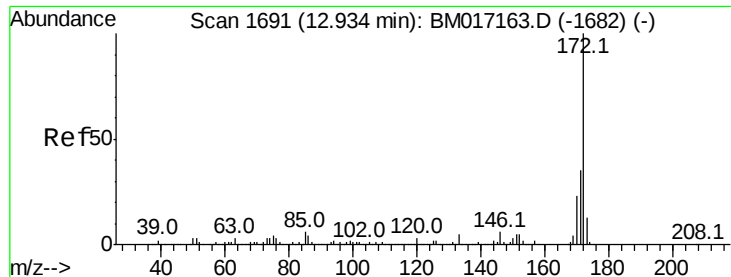
97 49.3 35.5 53.3

132 26.1 20.7 31.1



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM0
Ion 132.00 (131.70 to 132.70): E

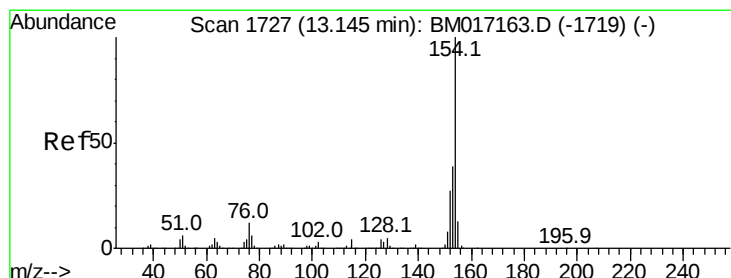
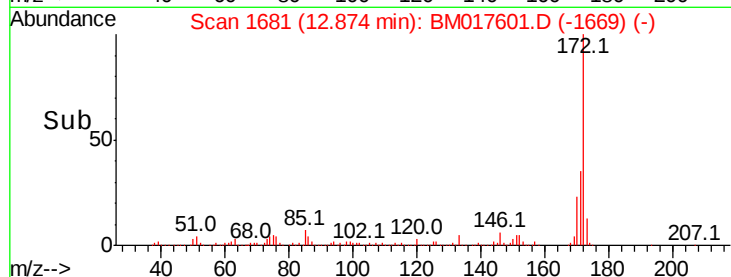
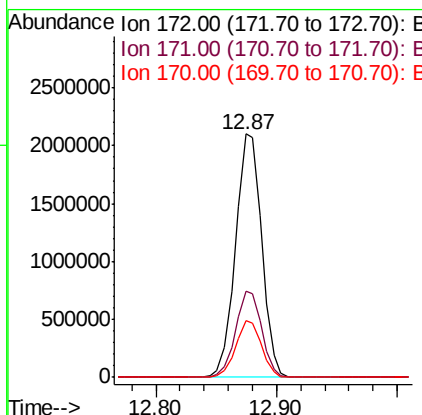
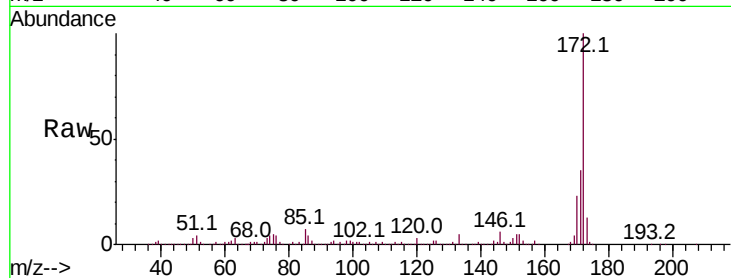




#45
2-Fluorobiphenyl
Concen: 76.578 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

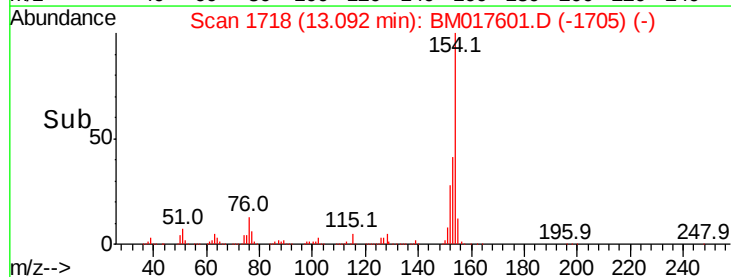
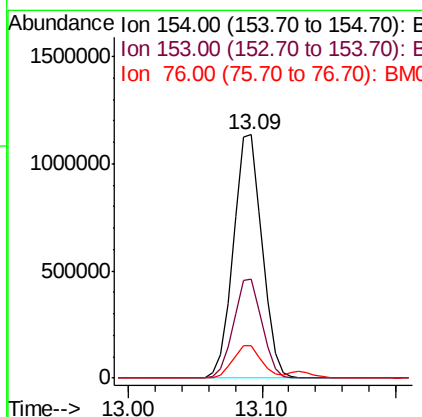
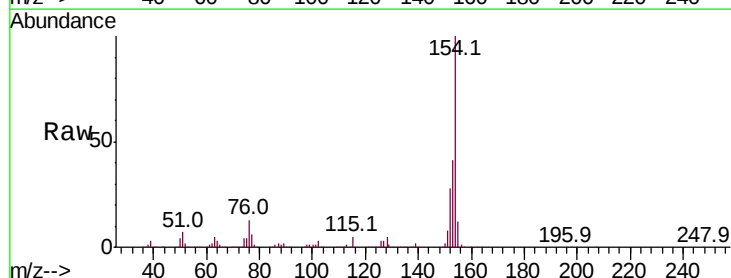
Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

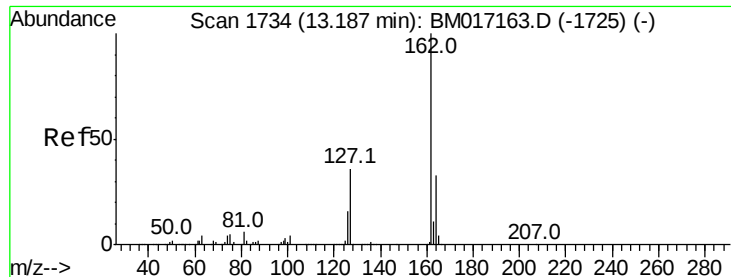
Tot Ion:172 Resp: 3175674
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.3 27.5



#46
1,1'-Biphenyl
Concen: 34.084 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:154 Resp: 1692437
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 13.1 0.0 31.8

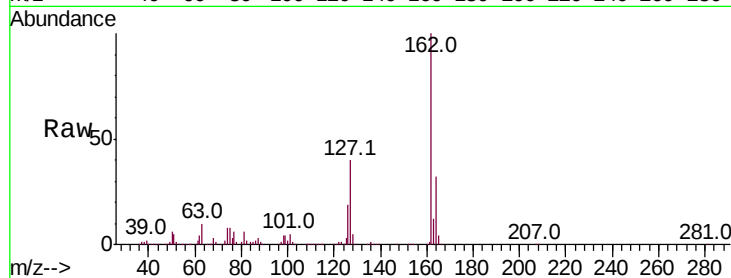




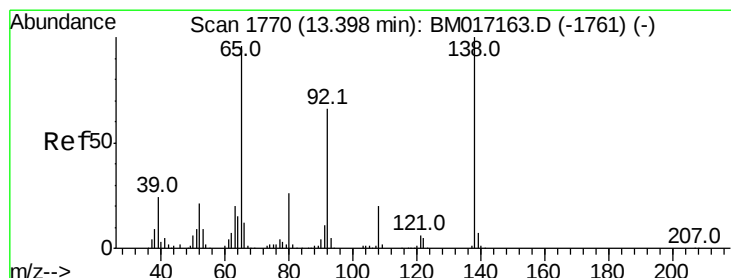
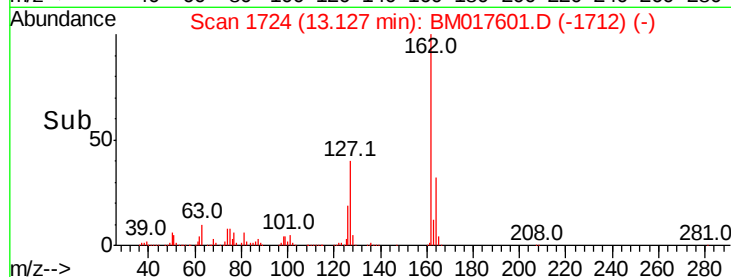
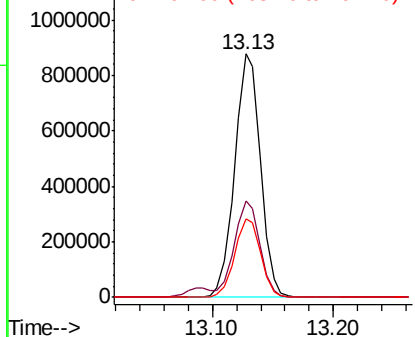
#47
2-Chloronaphthalene
Concen: 35.731 ng
RT: 13.13 min Scan# 1724
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion:162 Resp: 1305215
Ion Ratio Lower Upper
162 100
127 39.7 31.0 46.4
164 32.4 26.6 39.8

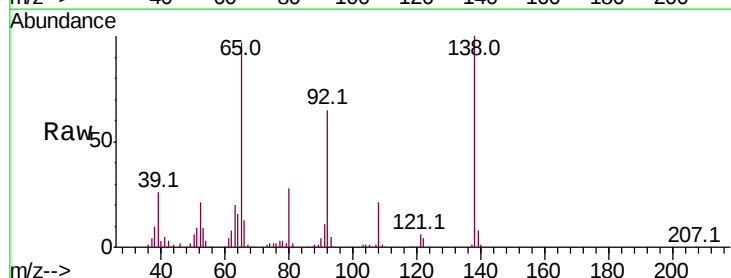


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

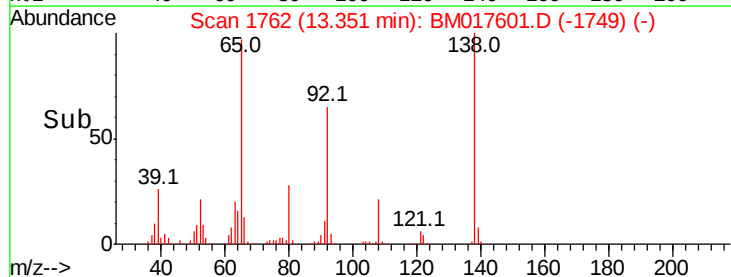
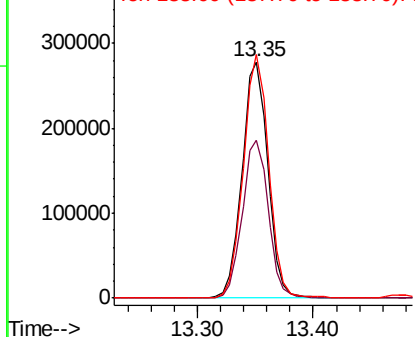


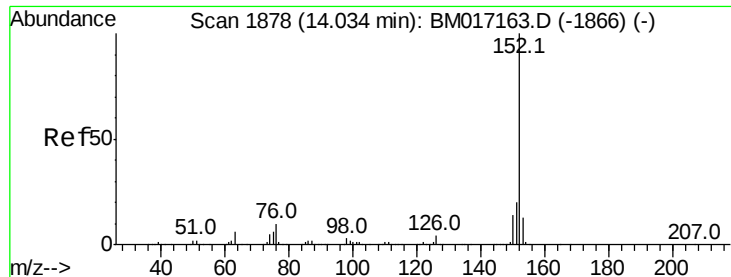
#48
2-Nitroaniline
Concen: 42.568 ng
RT: 13.35 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion: 65 Resp: 431769
Ion Ratio Lower Upper
65 100
92 66.8 54.9 82.3
138 103.2 83.7 125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.034 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

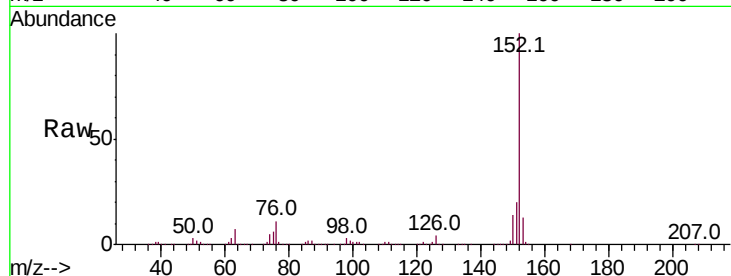
Tot Ion:152 Resp: 2172703

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

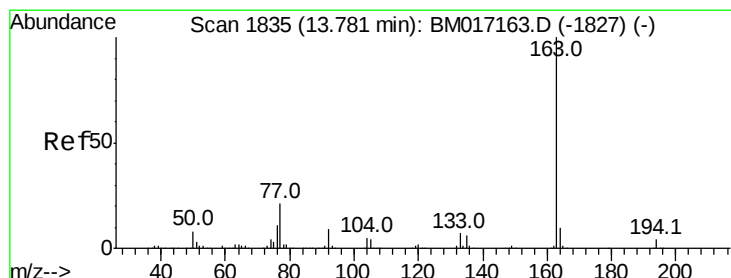
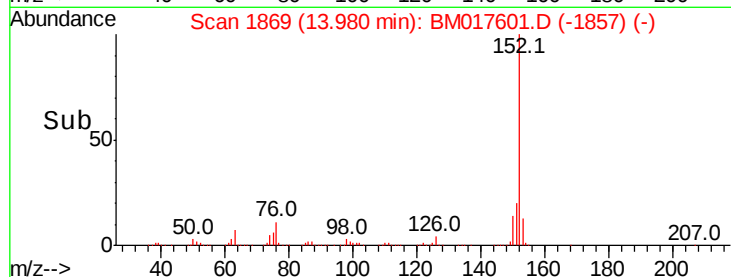
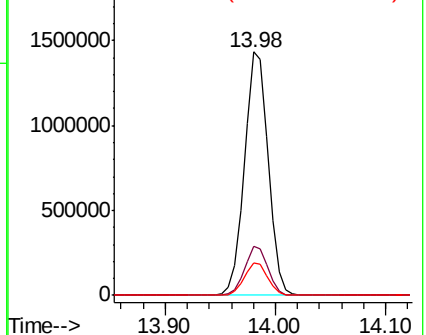
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.722 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

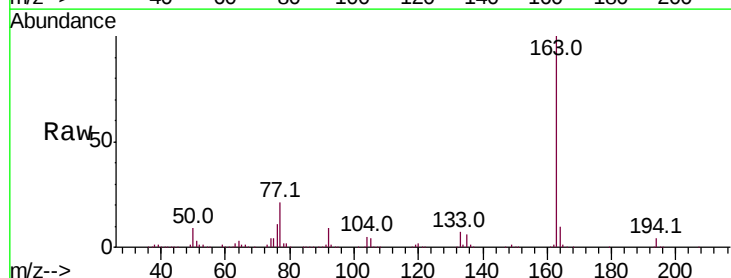
Tgt Ion:163 Resp: 1903809

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

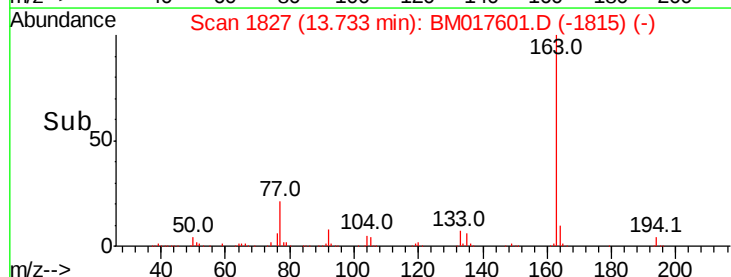
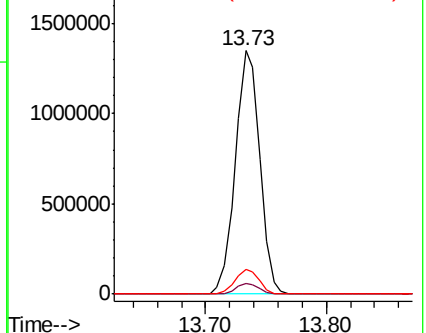
164 10.1 7.8 11.8

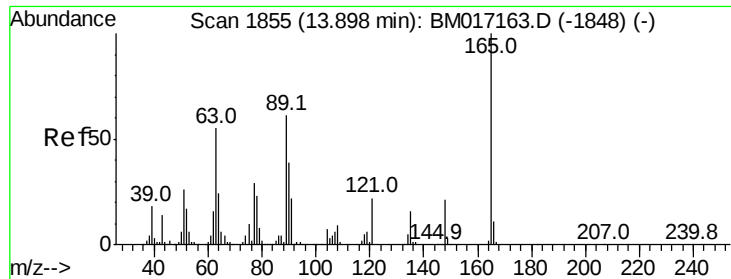


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

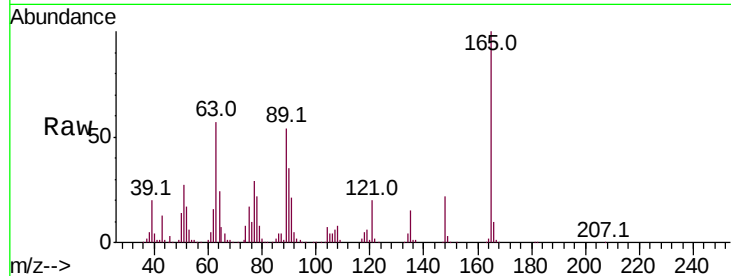




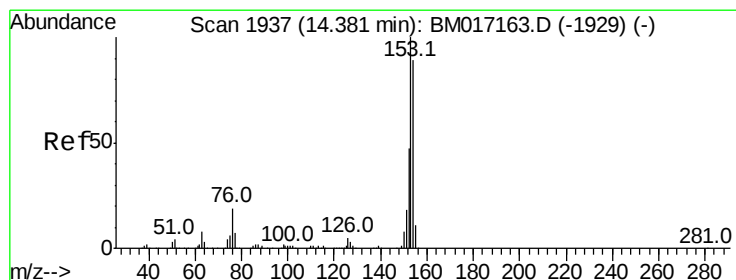
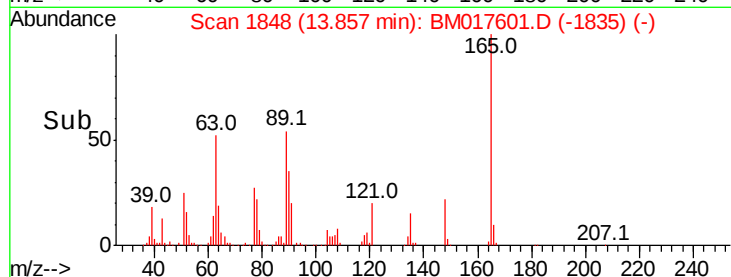
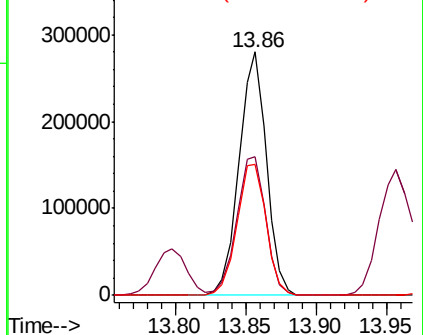
#51
 2,6-Dinitrotoluene
 Concen: 40.413 ng
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.02 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion:165 Resp: 378644
 Ion Ratio Lower Upper
 165 100
 63 56.7 42.7 64.1
 89 53.8 42.1 63.1

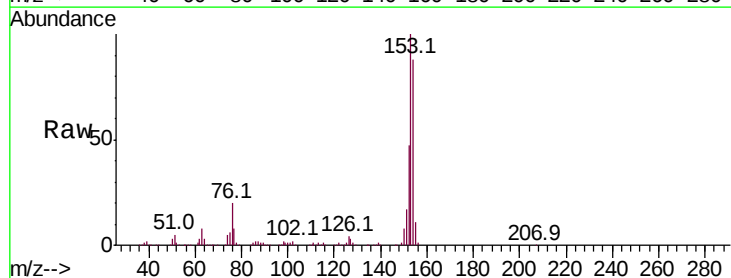


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM

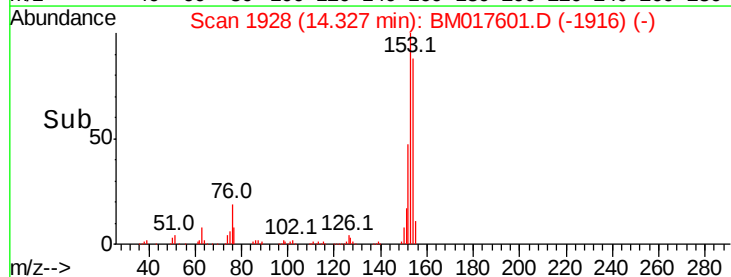
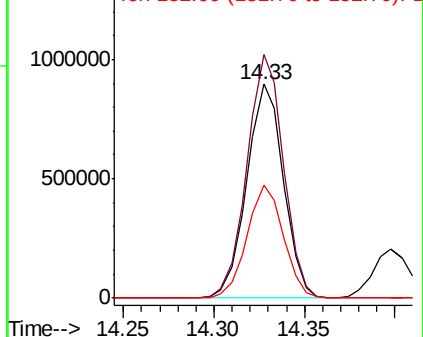


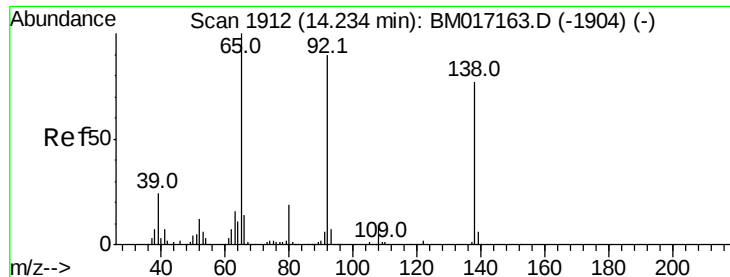
#52
 Acenaphthene
 Concen: 37.898 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. -0.03 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Tgt Ion:154 Resp: 1259920
 Ion Ratio Lower Upper
 154 100
 153 114.0 90.2 135.2
 152 53.2 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

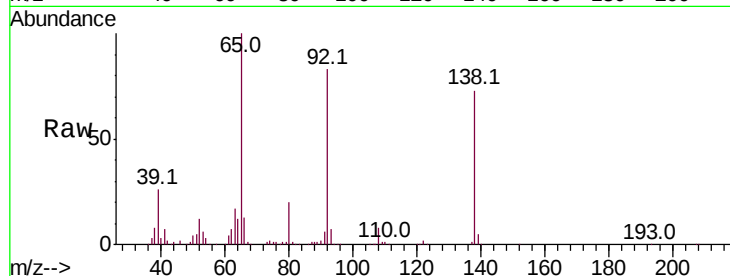




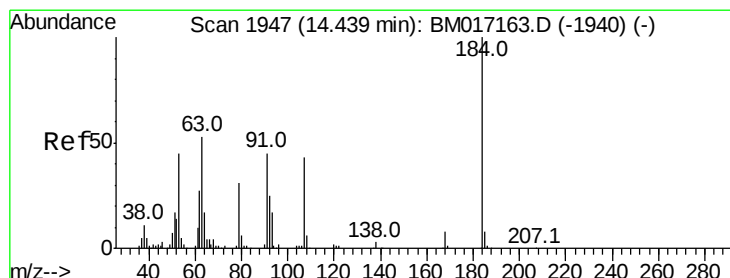
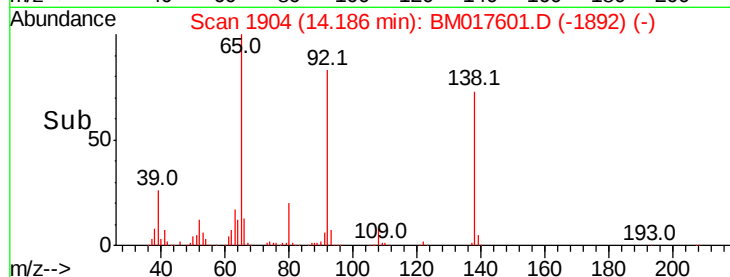
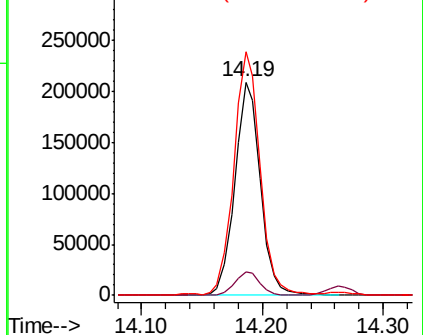
#53
3-Nitroaniline
Concen: 30.408 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion:138 Resp: 308568
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 114.1 87.9 131.9

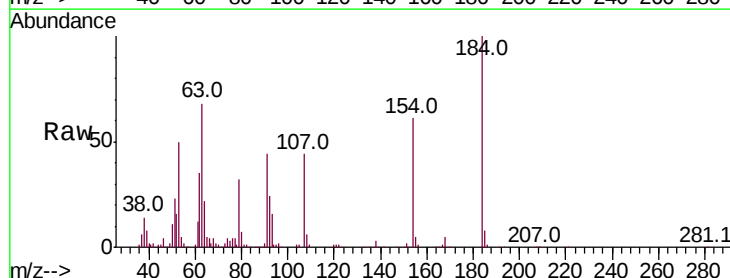


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

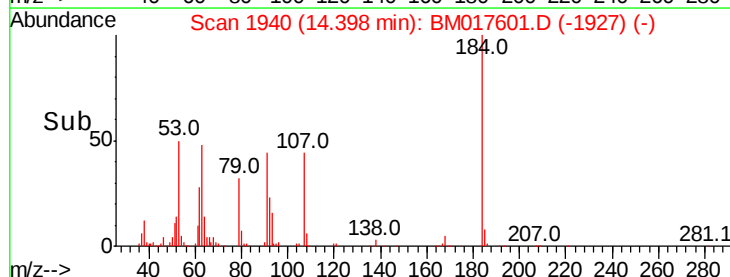
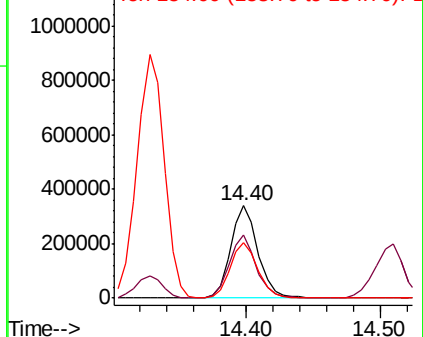


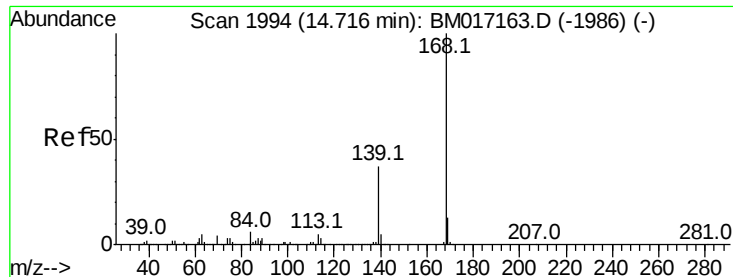
#54
2,4-Dinitrophenol
Concen: 87.355 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:184 Resp: 484792
Ion Ratio Lower Upper
184 100
63 68.3 51.2 76.8
154 60.6 47.8 71.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.046 ng

RT: 14.67 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

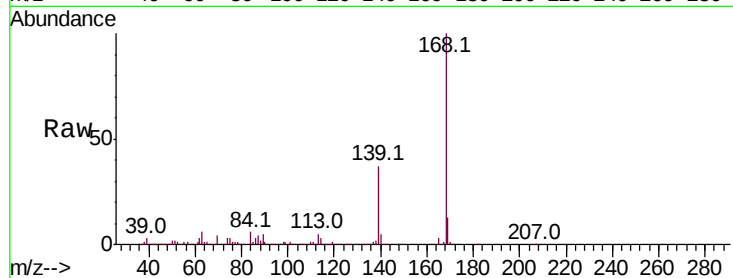
Tot Ion:168 Resp: 2048099

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.3	43.9
169	13.1	10.6	15.8

168 100

139 37.5 29.3 43.9

169 13.1 10.6 15.8

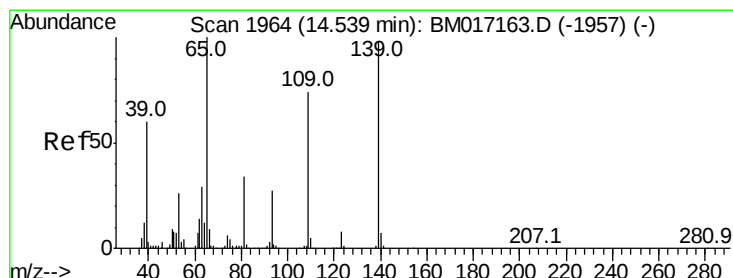
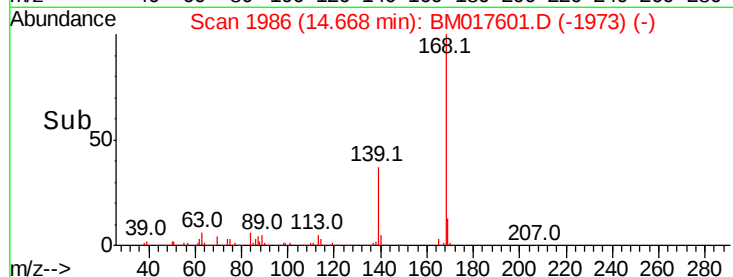
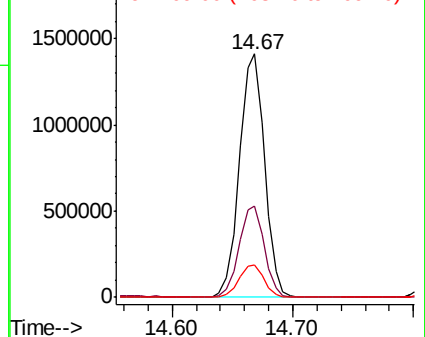


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 100.836 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

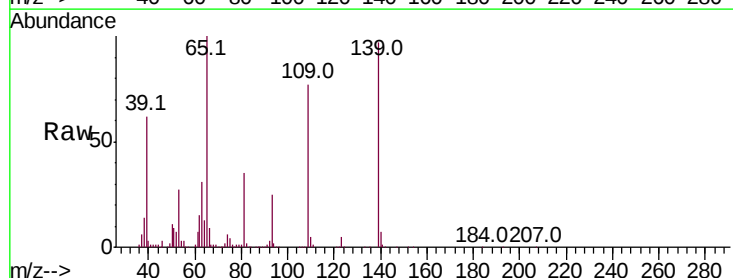
Tgt Ion:139 Resp: 944645

Ion	Ratio	Lower	Upper
139	100		
109	78.8	51.8	91.8
65	102.7	72.1	112.1

139 100

109 78.8 51.8 91.8

65 102.7 72.1 112.1

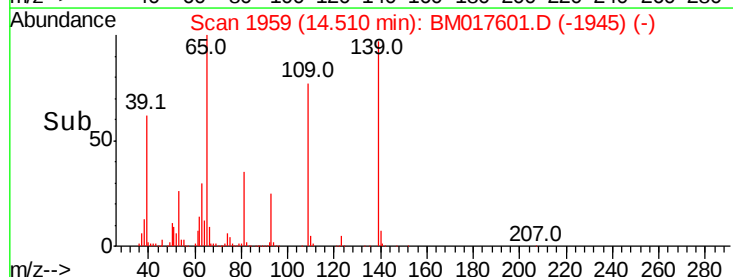
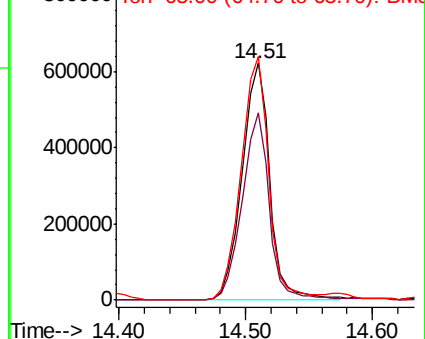


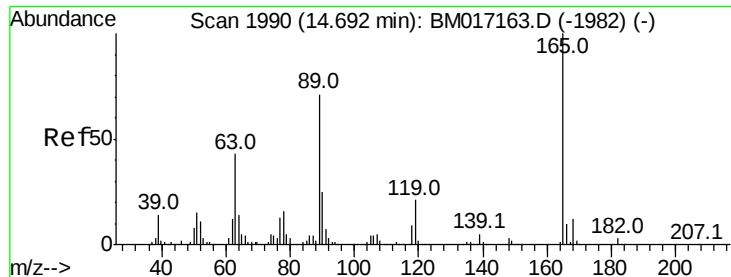
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

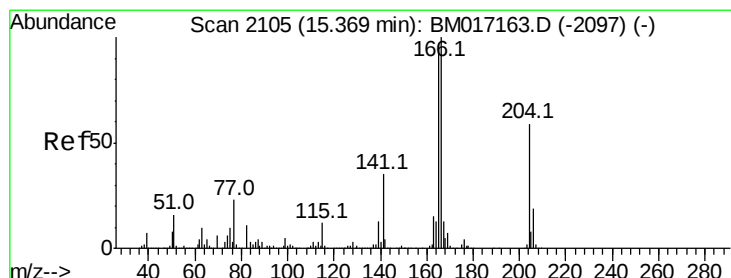
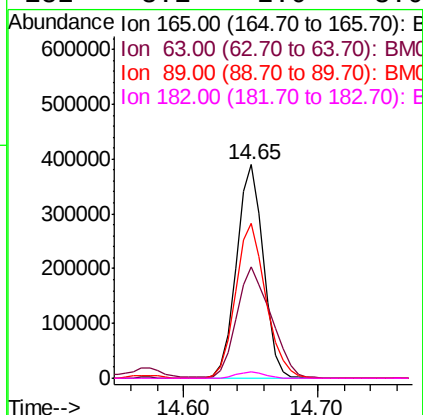
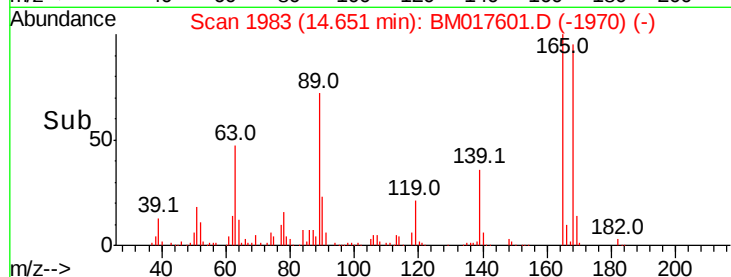
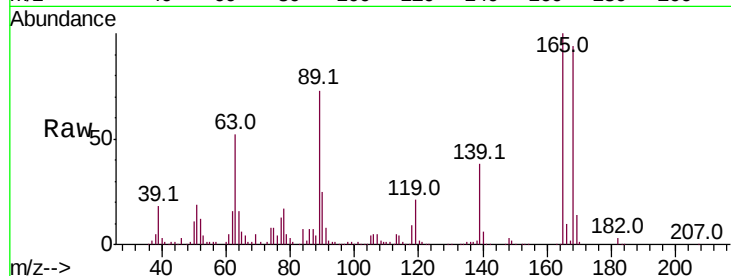




#57
2,4-Dinitrotoluene
Concen: 43.257 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

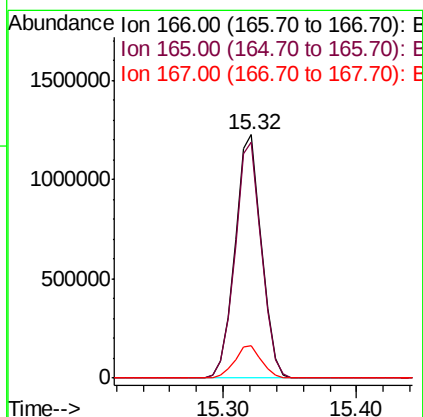
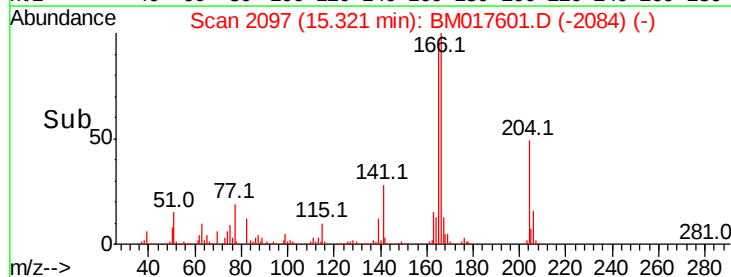
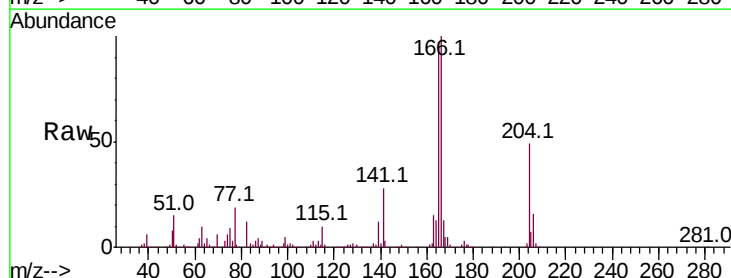
Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

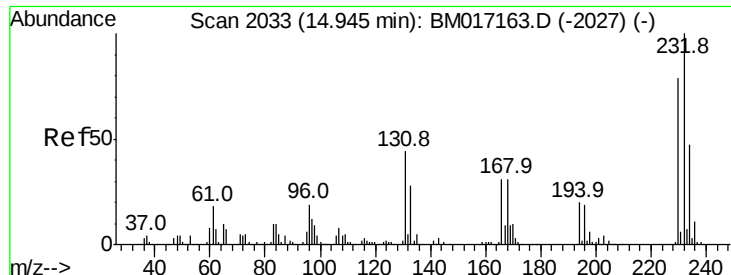
Tot Ion:165 Resp: 544733
Ion Ratio Lower Upper
165 100
63 52.1 33.8 50.8#
89 72.5 53.1 79.7
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 41.133 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:166 Resp: 1683211
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.3 10.6 16.0

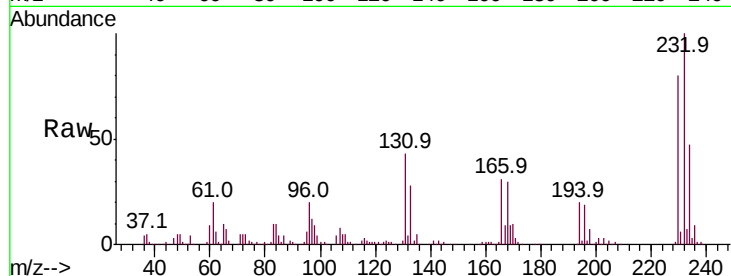




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.704 ng
 RT: 14.90 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion:	232	Resp:	481878
Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.1	49.7
130	2.4	1.7	2.5
166	31.7	24.4	36.6



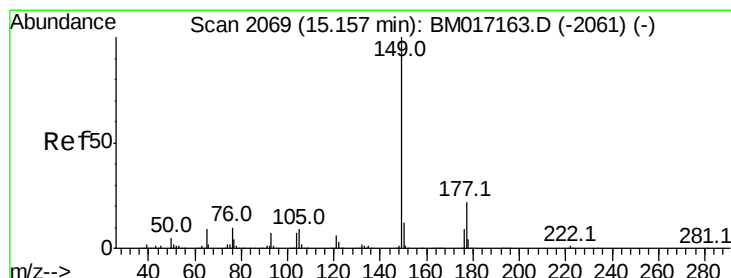
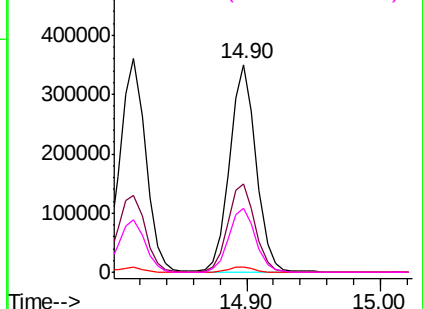
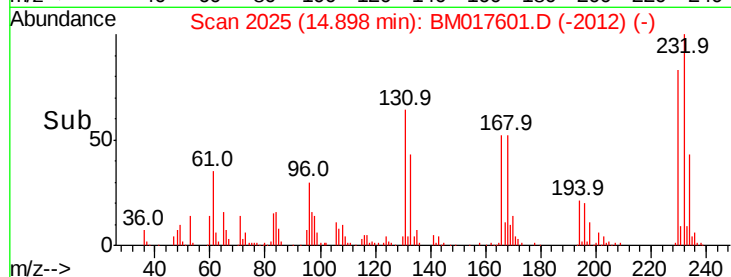
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

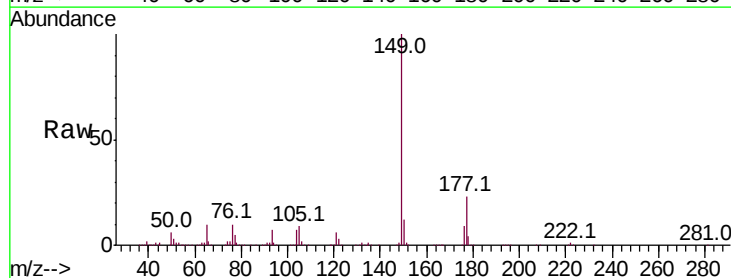
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.962 ng
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Tgt Ion:	149	Resp:	1729277
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.3	10.0	15.0

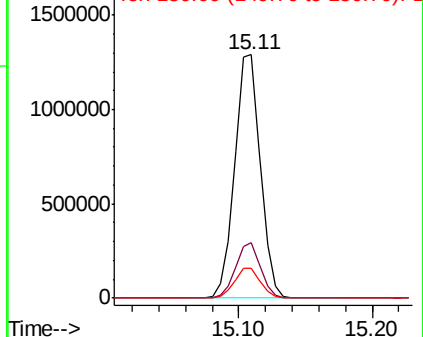
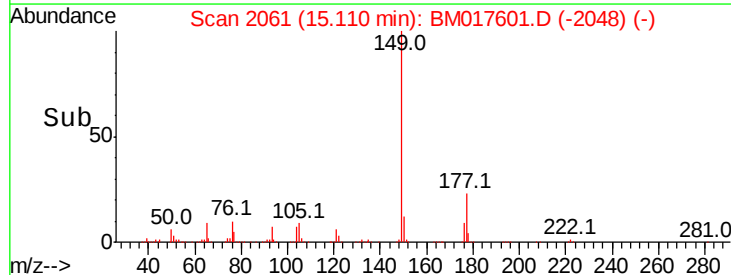


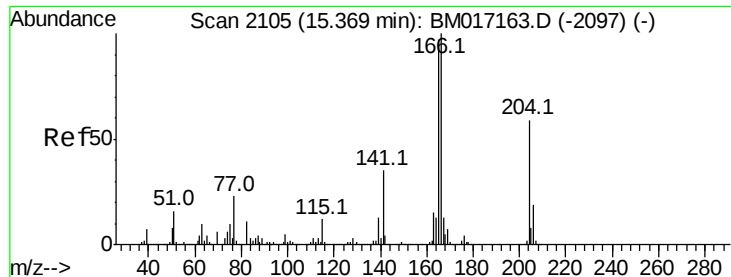
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

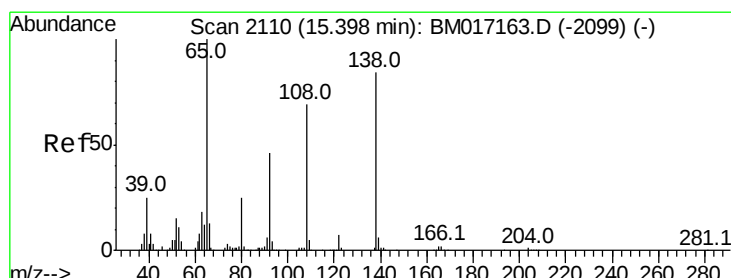
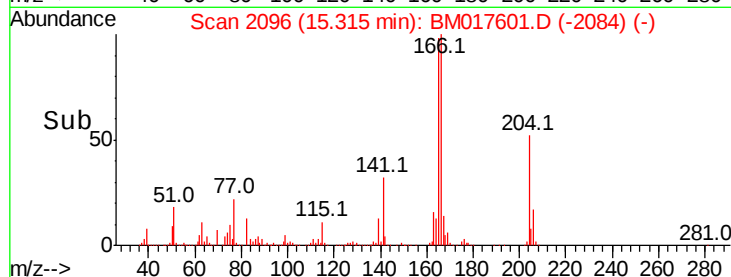
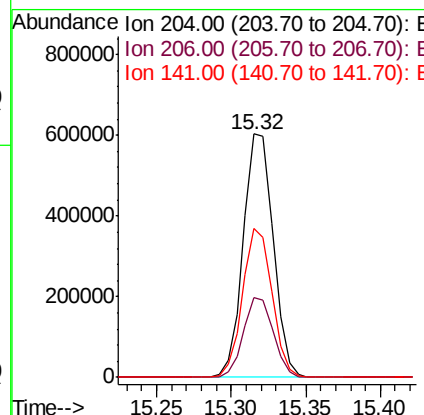
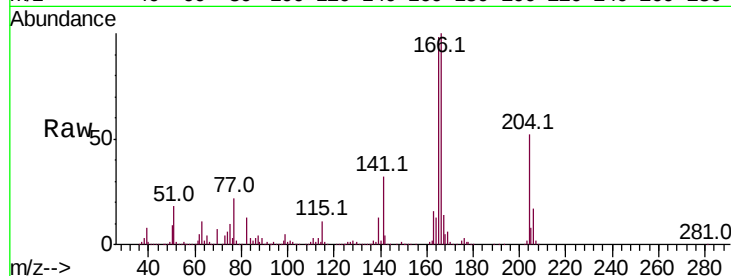




#61
4-Chlorophenyl-phenylether
Concen: 36.096 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

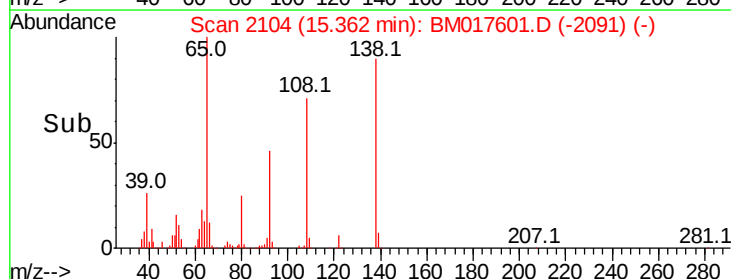
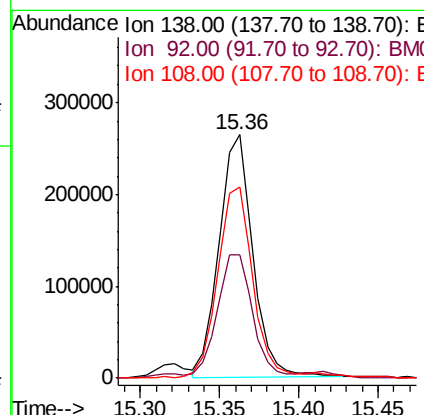
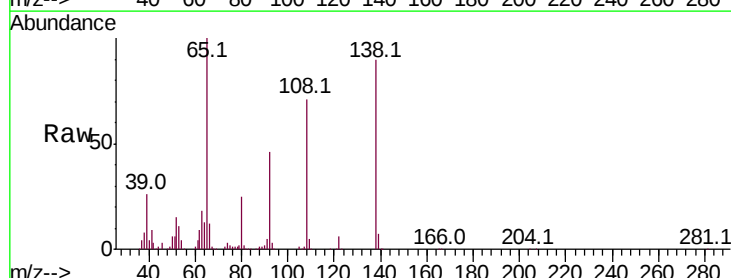
Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

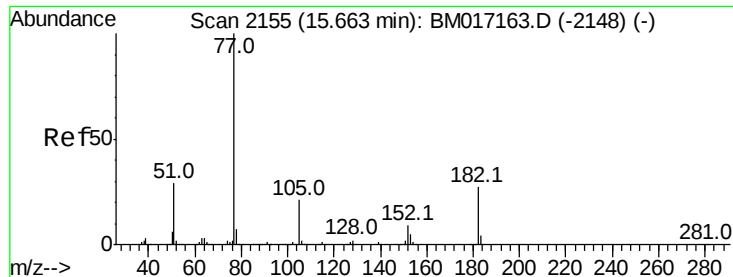
Tot Ion:204 Resp: 842086
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 61.0 45.4 68.2



#62
4-Nitroaniline
Concen: 35.695 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:138 Resp: 388907
Ion Ratio Lower Upper
138 100
92 50.6 31.2 71.2
108 78.4 55.5 95.5

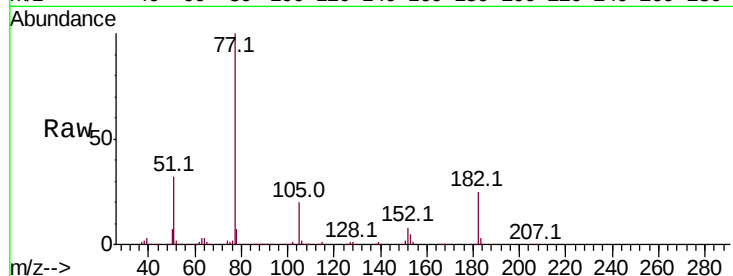




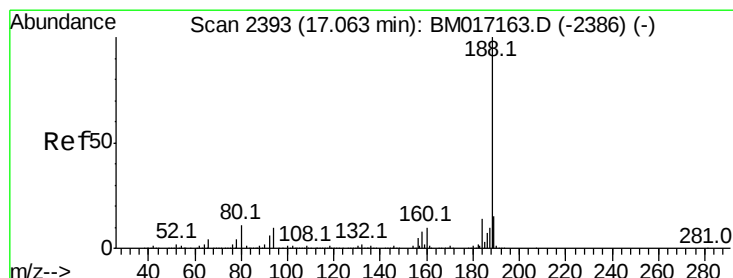
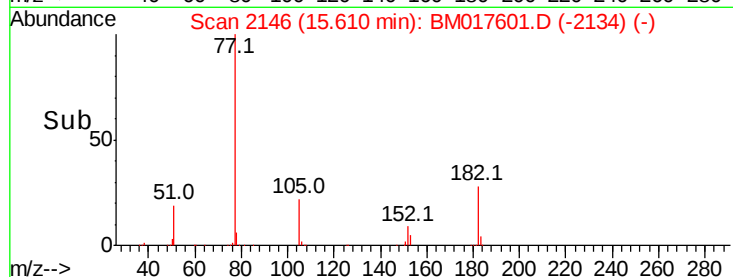
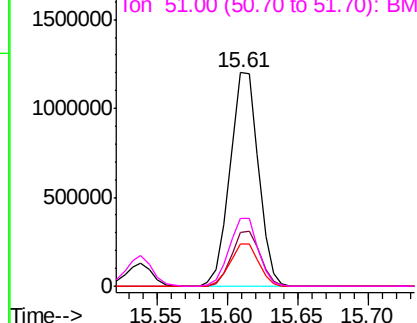
#63
Azobenzene
Concen: 41.103 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion: 77 Resp: 1686647
Ion Ratio Lower Upper
77 100
182 25.1 8.3 48.3
105 19.5 1.5 41.5
51 31.7 8.8 48.8

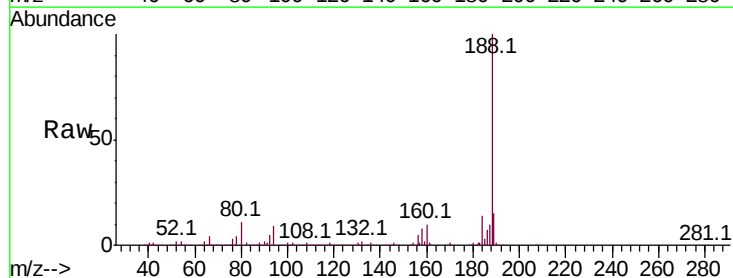


Abundance Ion 77.00 (76.70 to 77.70): BM017601.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017601.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017601.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017601.D (-2148) (-)

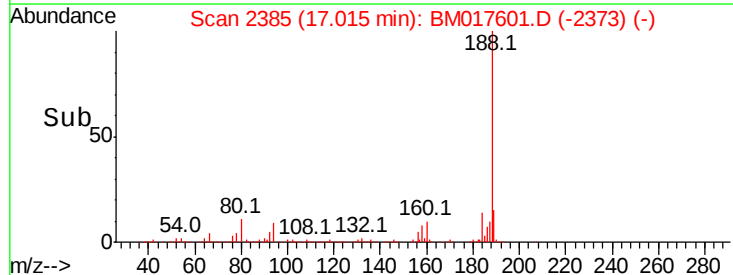
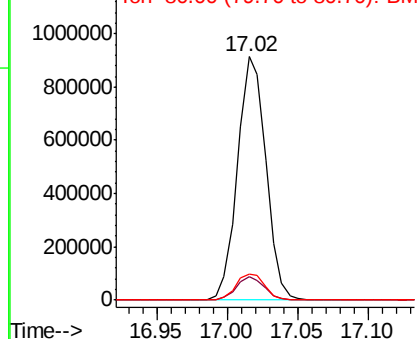


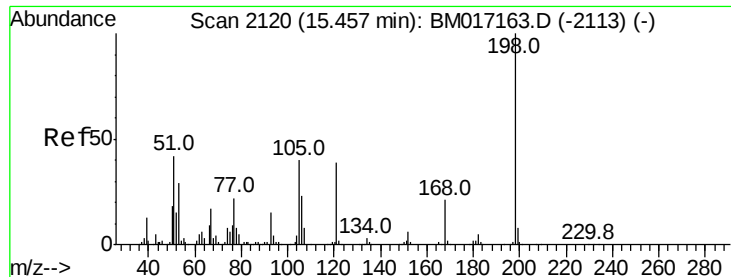
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion: 188 Resp: 1282958
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017601.D (-2373) (-)
Ion 94.00 (93.70 to 94.70): BM017601.D (-2373) (-)
Ion 80.00 (79.70 to 80.70): BM017601.D (-2373) (-)

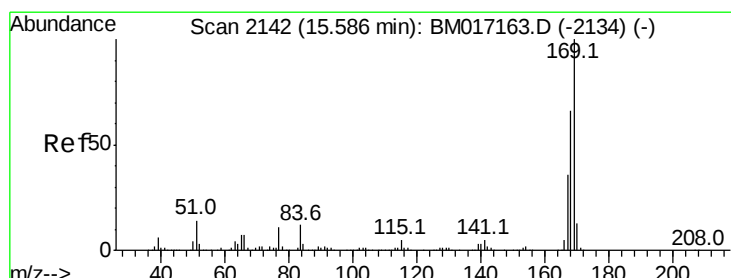
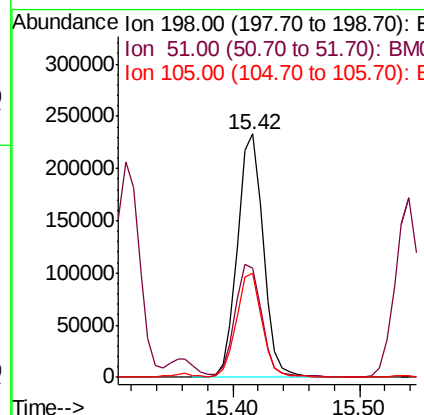
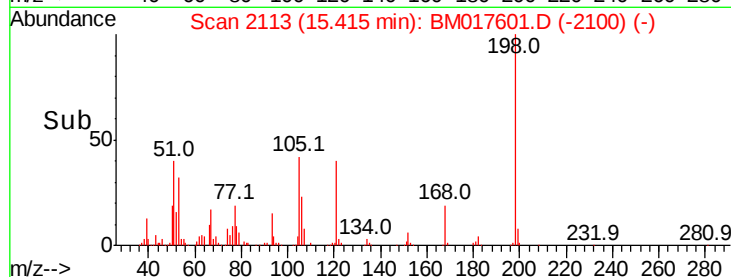
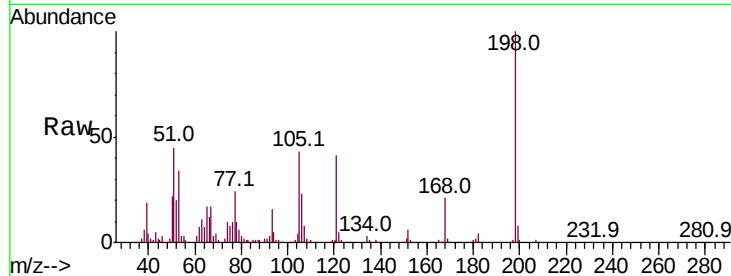




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.884 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.02 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

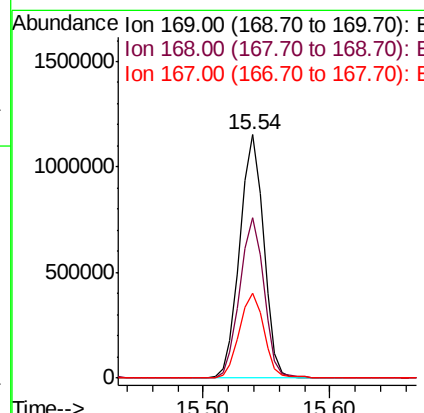
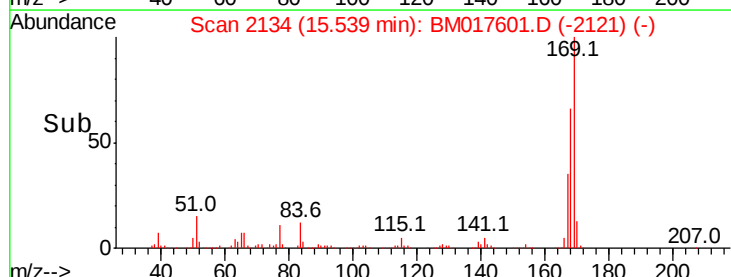
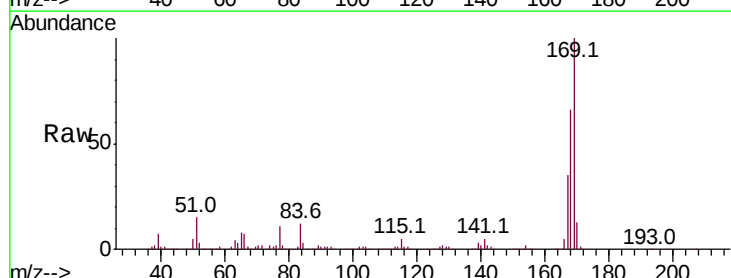
Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

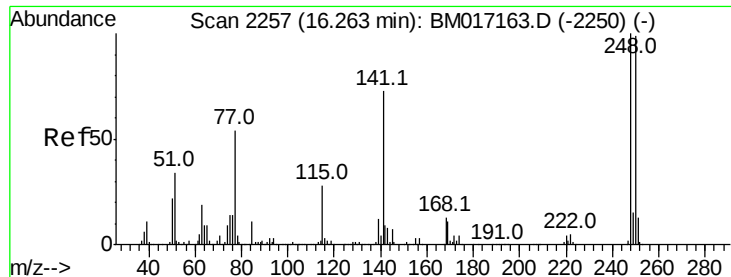
Tot Ion:198 Resp: 326814
 Ion Ratio Lower Upper
 198 100
 51 44.7 20.3 60.3
 105 42.6 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 38.625 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Tgt Ion:169 Resp: 1499272
 Ion Ratio Lower Upper
 169 100
 168 66.1 52.2 78.4
 167 35.0 28.4 42.6

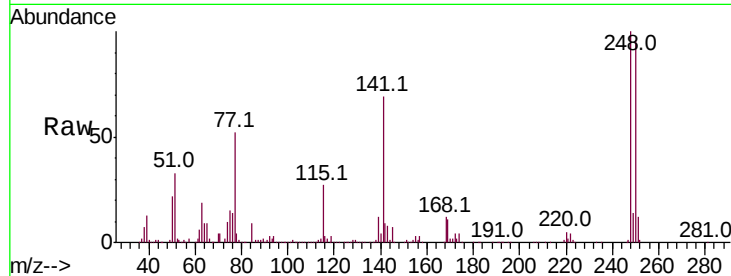




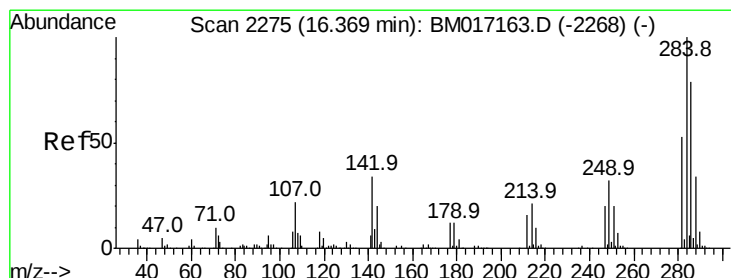
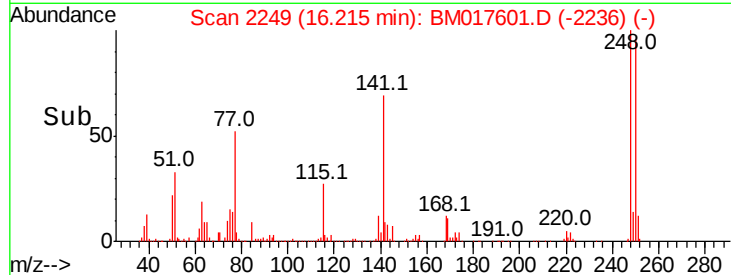
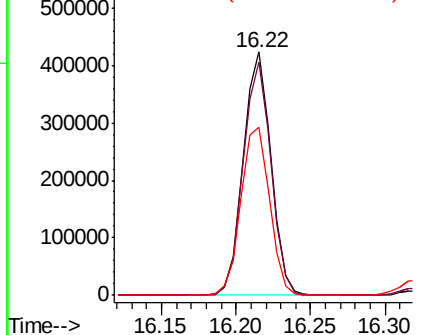
#67
4-Bromophenyl-phenylether
Concen: 38.555 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion:248 Resp: 543119
Ion Ratio Lower Upper
248 100
250 95.9 75.1 112.7
141 69.3 55.6 83.4

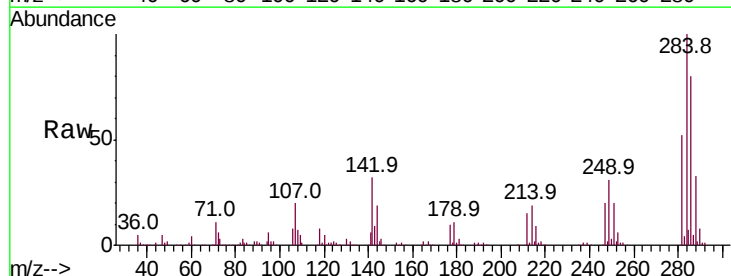


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

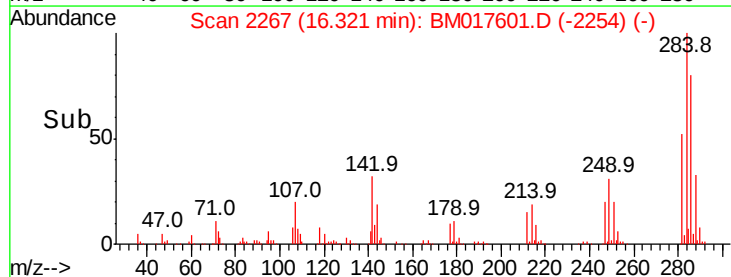
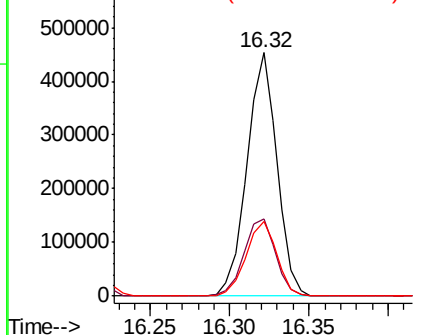


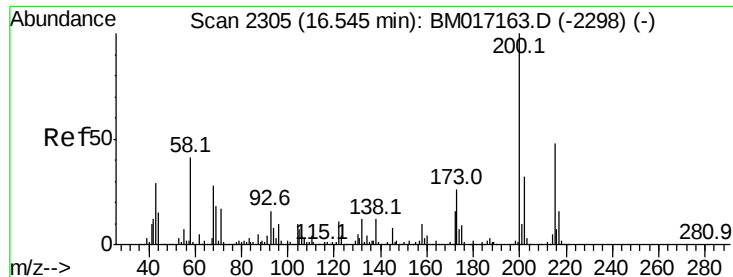
#68
Hexachlorobenzene
Concen: 36.266 ng
RT: 16.32 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:284 Resp: 593434
Ion Ratio Lower Upper
284 100
142 31.8 25.0 37.6
249 30.8 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.951 ng

RT: 16.50 min Scan# 2297

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

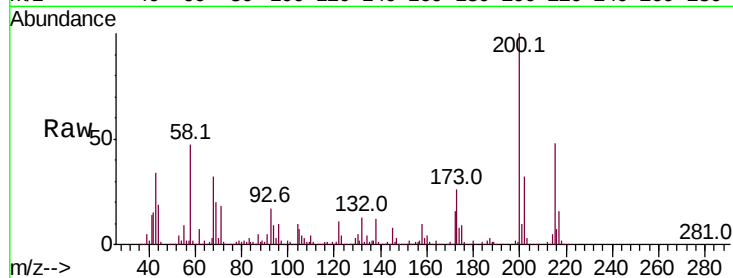
Tot Ion:200 Resp: 555015

Ion Ratio Lower Upper

200 100

173 25.9 7.0 47.0

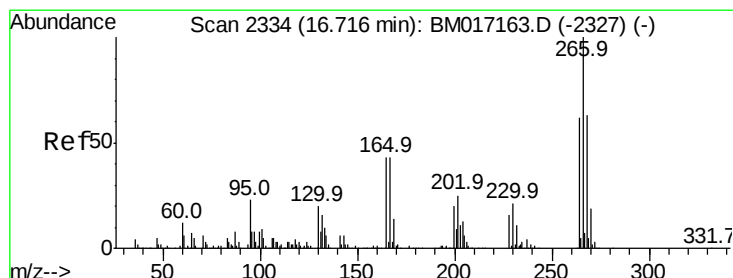
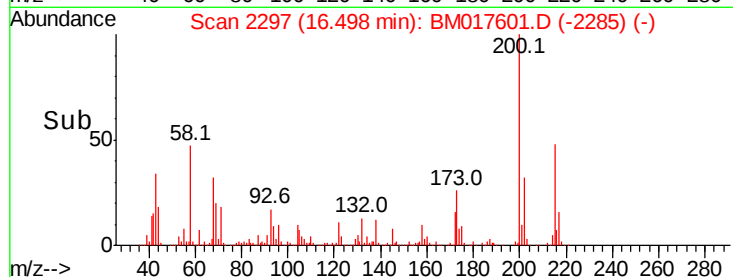
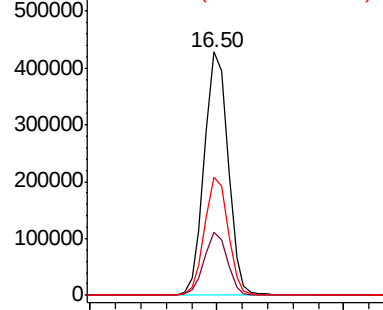
215 48.4 27.3 67.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 68.362 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

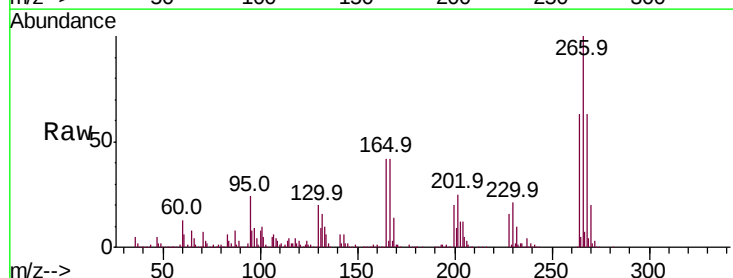
Tgt Ion:266 Resp: 766303

Ion Ratio Lower Upper

266 100

268 63.4 50.7 76.1

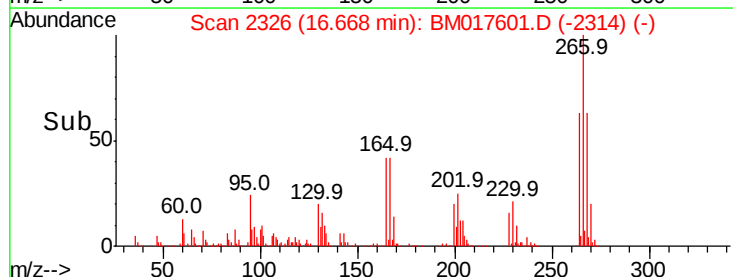
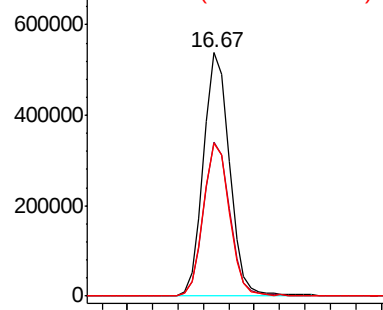
264 62.8 50.4 75.6

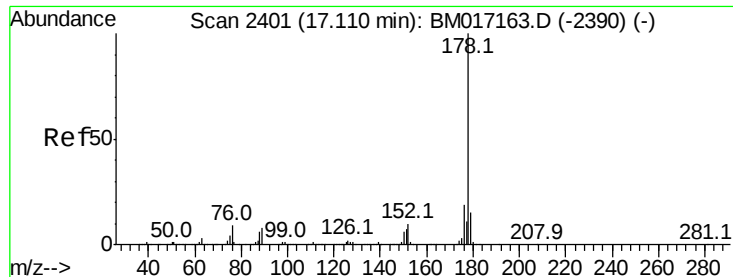


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

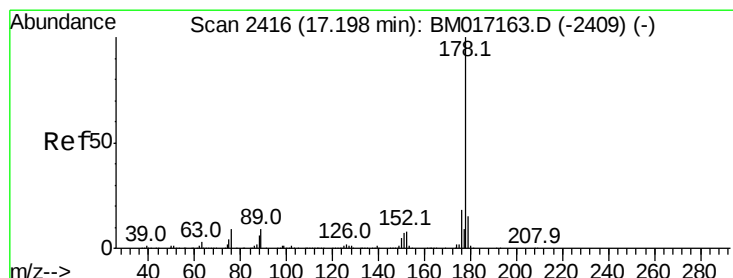
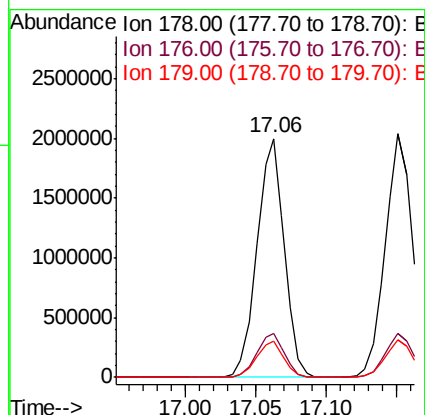
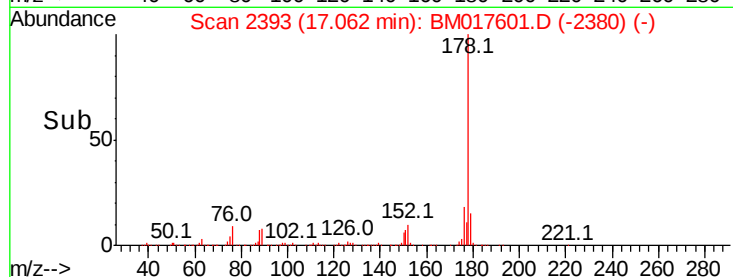
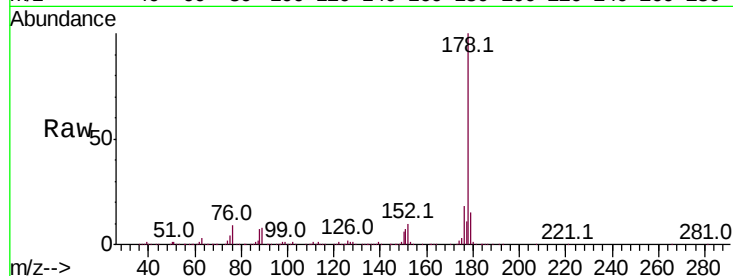




#71
Phenanthrene
Concen: 39.174 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

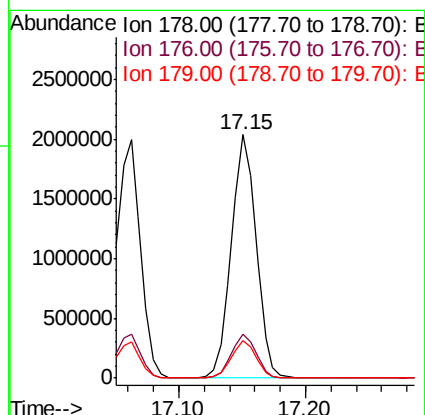
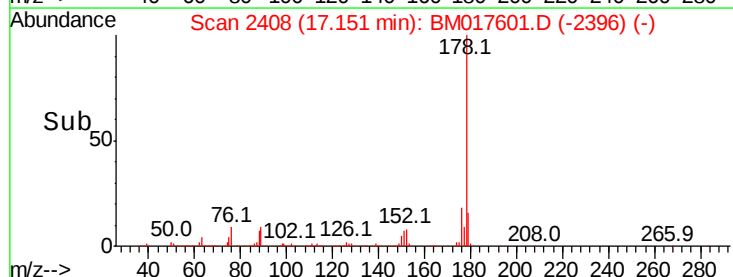
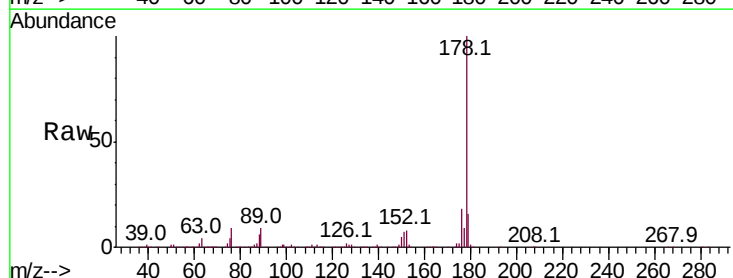
Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

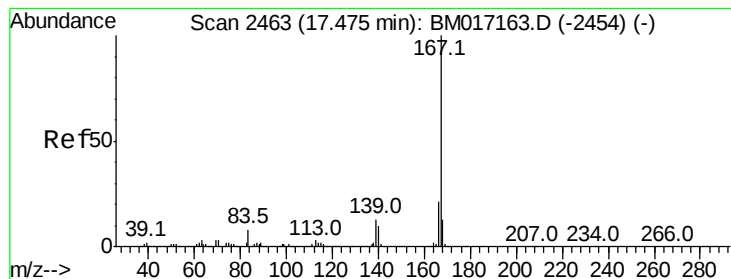
Tot Ion:178 Resp: 2711594
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.0 12.3 18.5



#72
Anthracene
Concen: 41.693 ng
RT: 17.15 min Scan# 2408
Delta R.T. -0.03 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:178 Resp: 2742178
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.5 12.2 18.2





#73

Carbazole

Concen: 38.099 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

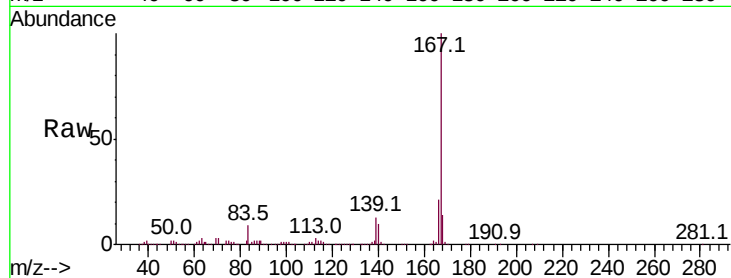
BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:167 Resp: 2559676

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.1	15.1

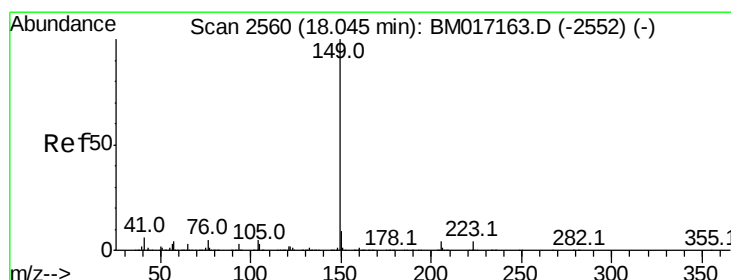
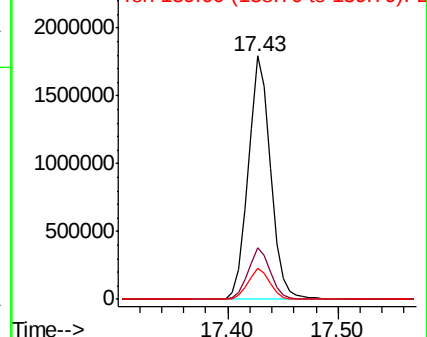
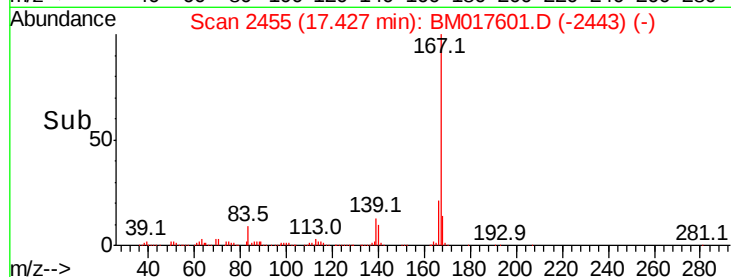


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.903 ng

RT: 18.00 min Scan# 2552

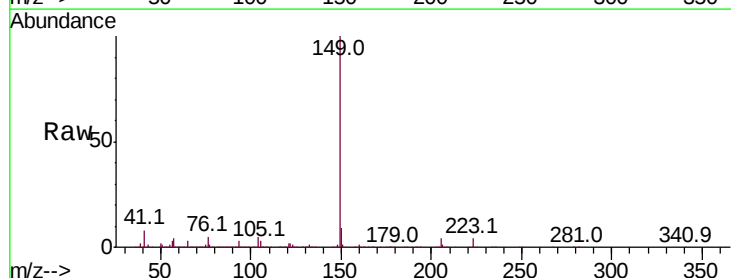
Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Tgt Ion:149 Resp: 2969335

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.9	4.3	6.5

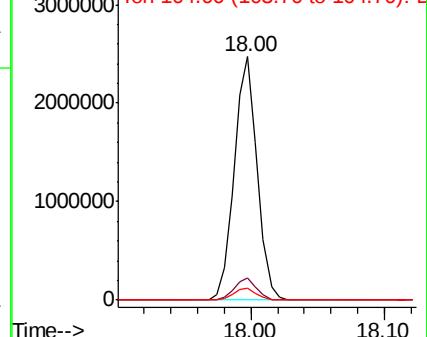
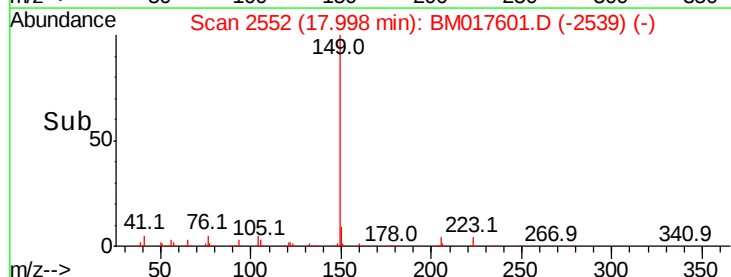


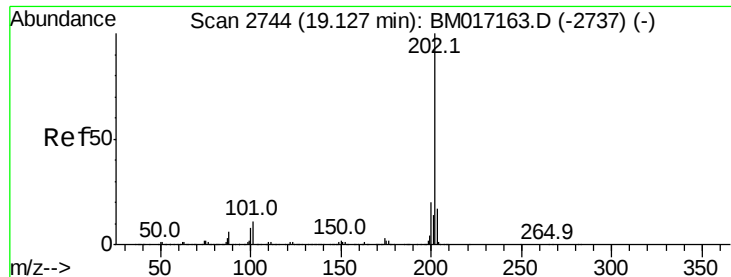
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

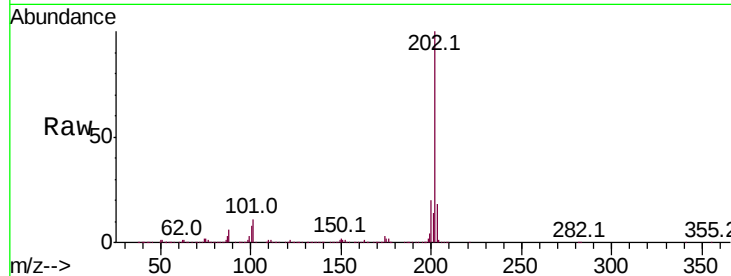




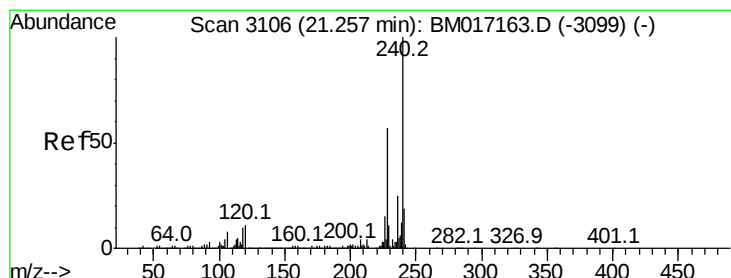
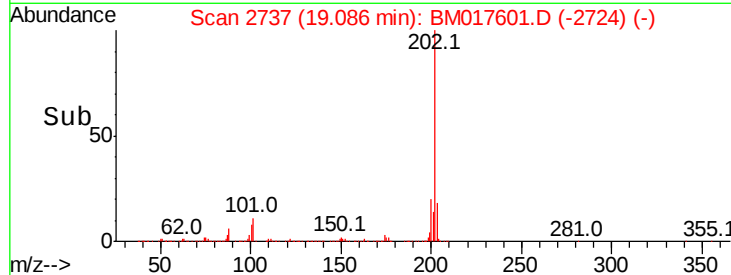
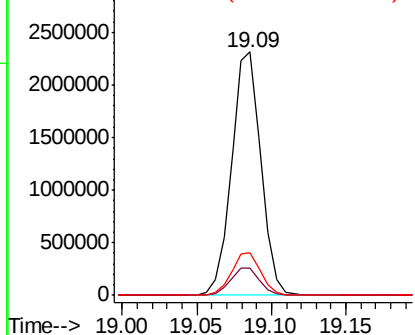
#75
 Fluoranthene
 Concen: 40.727 ng
 RT: 19.09 min Scan# 2737
 Delta R.T. -0.02 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion:202 Resp: 3172219
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.0
 203 17.7 0.0 37.2

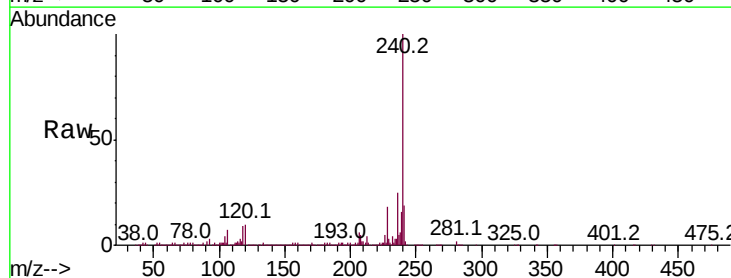


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

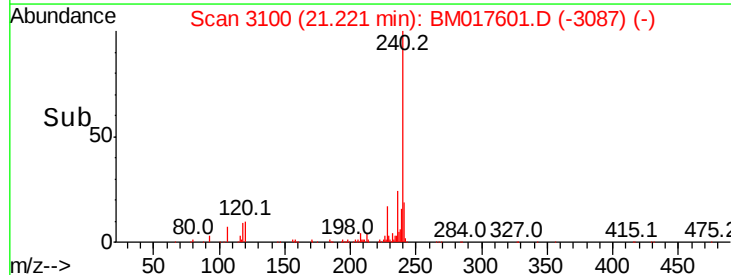
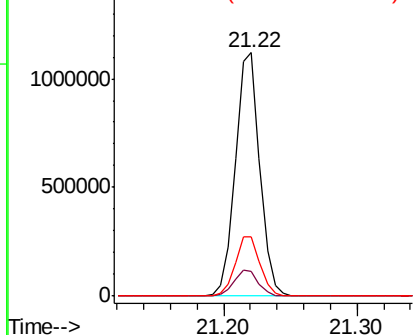


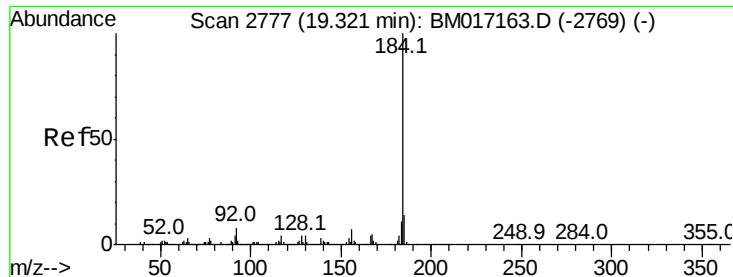
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BM017601.D
 Acq: 09 Nov 2018 21:00

Tgt Ion:240 Resp: 1424265
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.1 12.1
 236 24.6 19.9 29.9



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.807 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

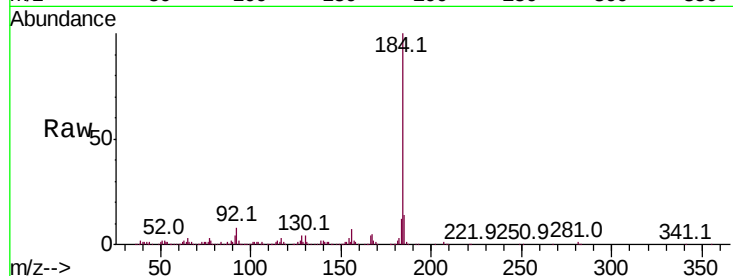
BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:184 Resp: 1004239

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	11.7	9.7	14.5

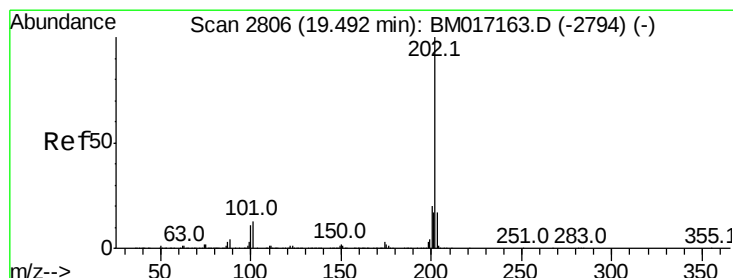
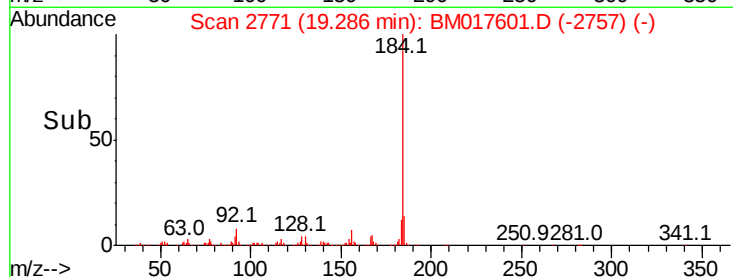
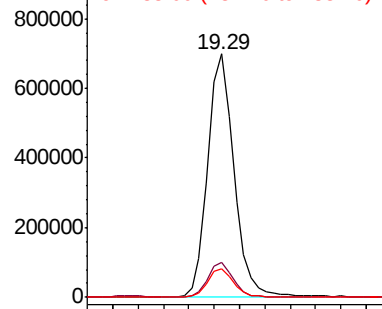


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.869 ng

RT: 19.45 min Scan# 2799

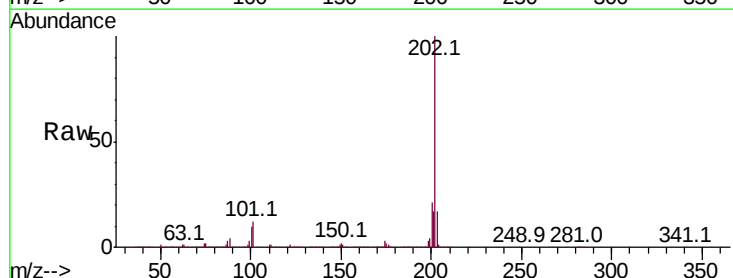
Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Tgt Ion:202 Resp: 3253262

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.4	13.9	20.9

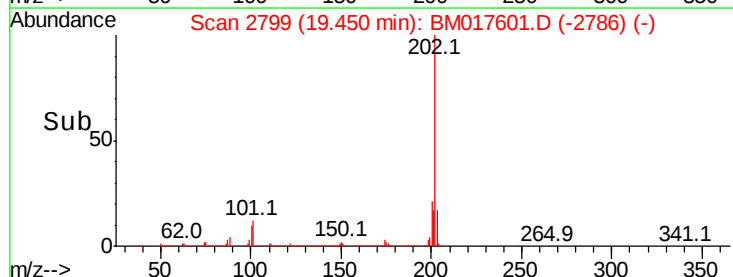
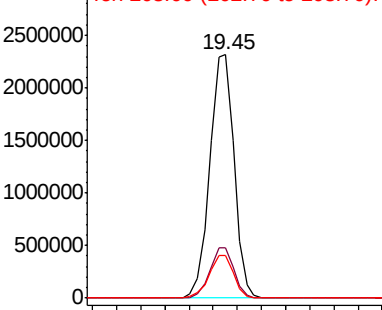


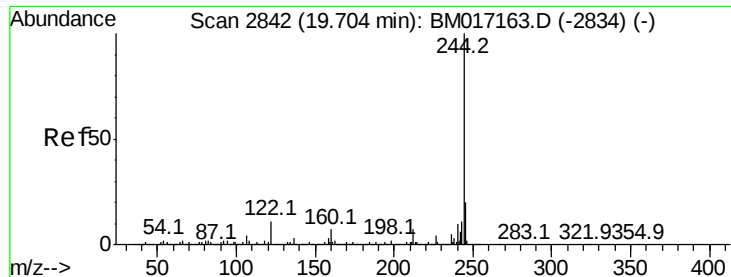
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.212 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

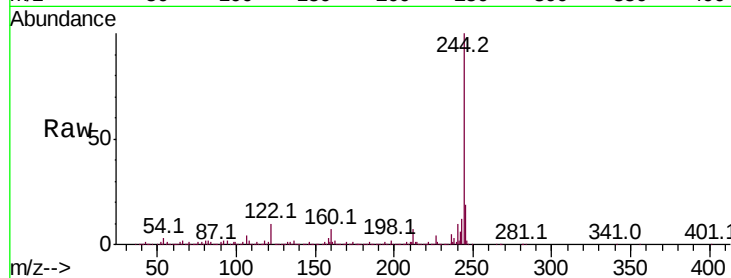
BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:244 Resp: 4942087

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.0	8.4	12.6

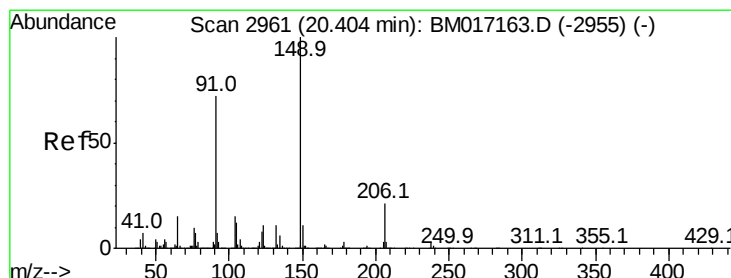
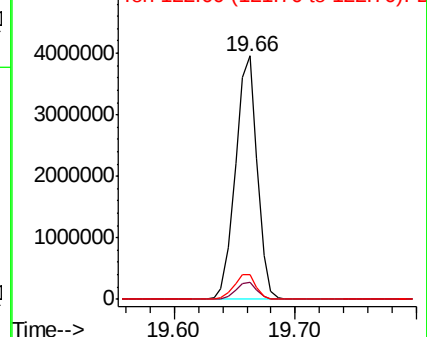
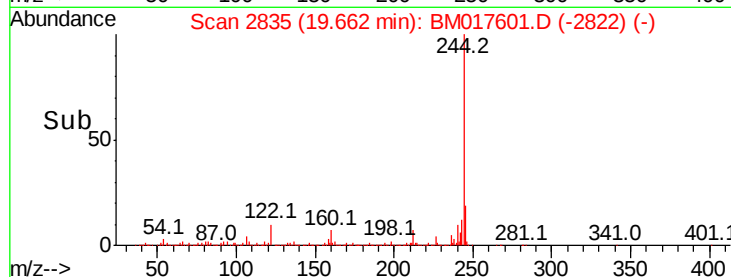


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.734 ng

RT: 20.36 min Scan# 2954

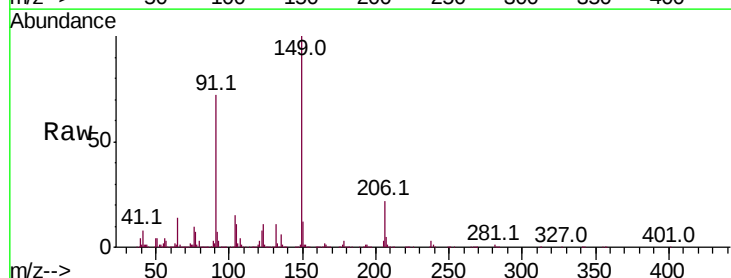
Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Tgt Ion:149 Resp: 1373268

Ion	Ratio	Lower	Upper
149	100		
91	71.6	51.3	76.9
206	21.7	18.0	27.0

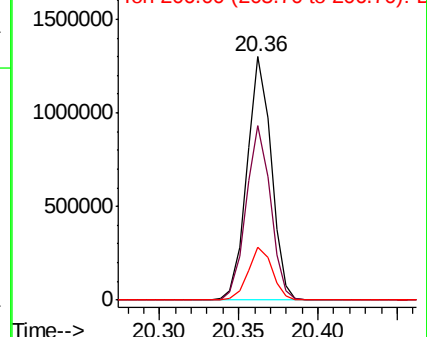
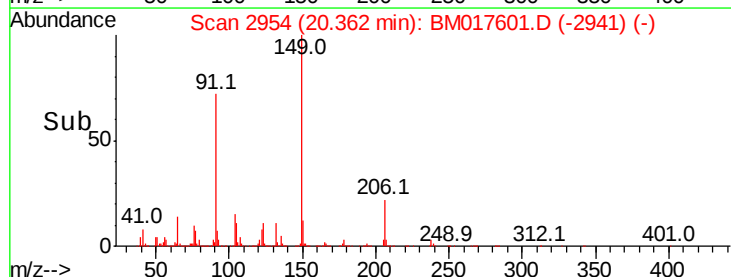


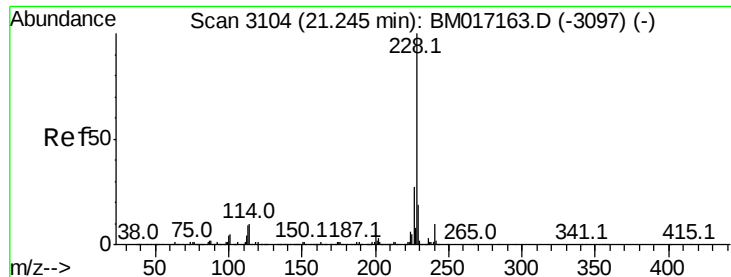
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.472 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

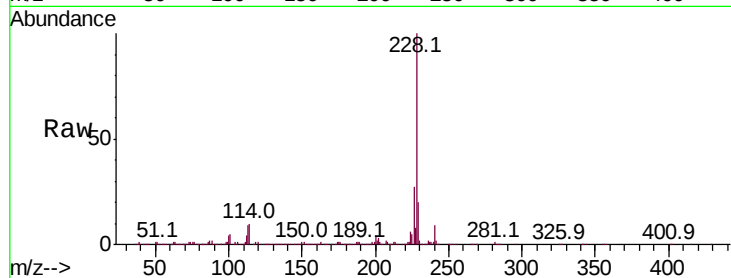
Tot Ion:228 Resp: 3243775

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.6	15.9	23.9

228 100

226 26.7 21.4 32.0

229 19.6 15.9 23.9

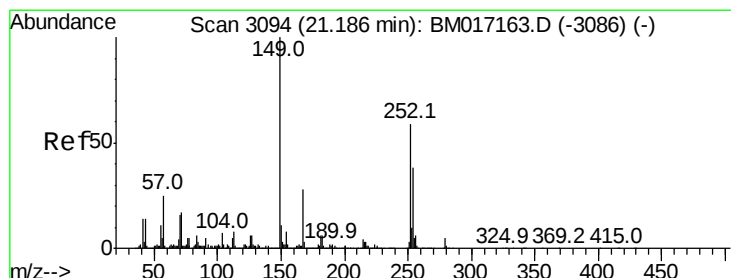
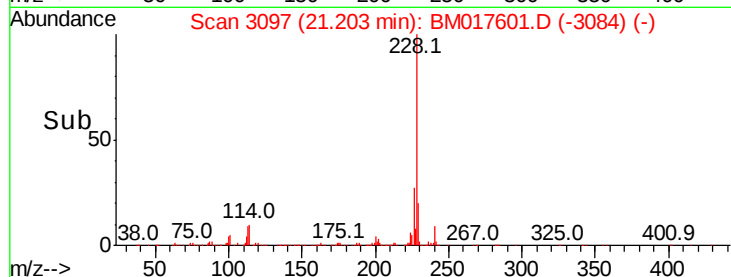
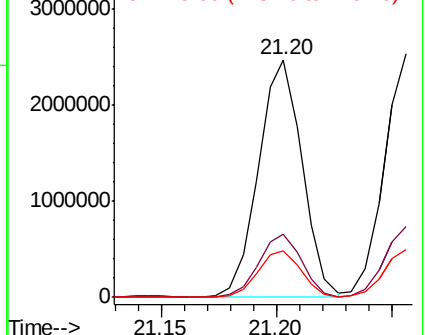


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.225 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

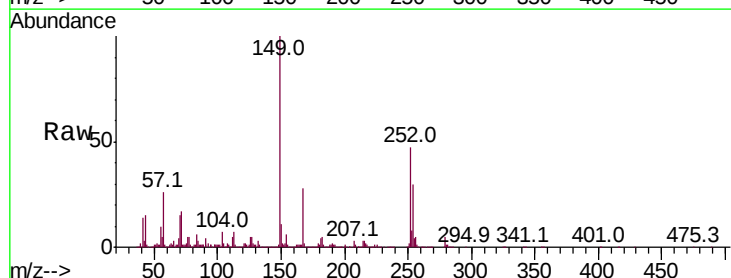
Tgt Ion:252 Resp: 1022362

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	10.9	8.6	12.8

252 100

254 64.9 52.1 78.1

126 10.9 8.6 12.8

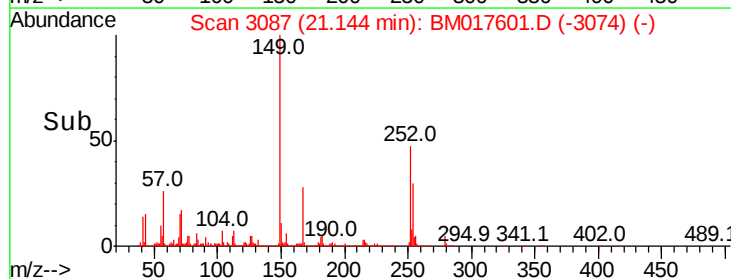
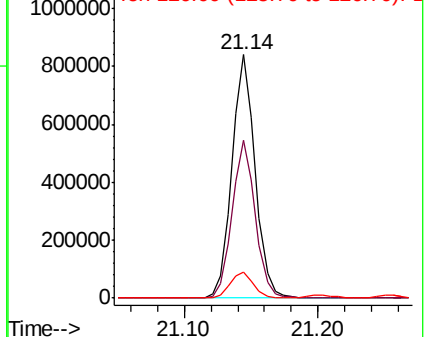


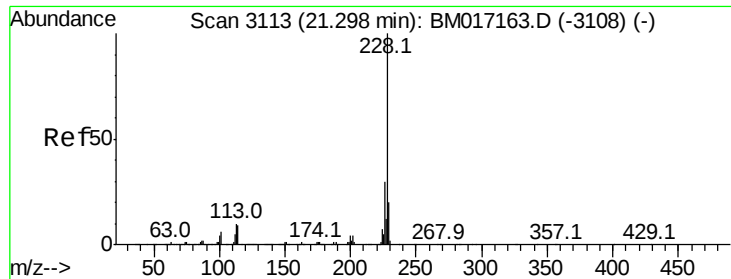
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.324 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

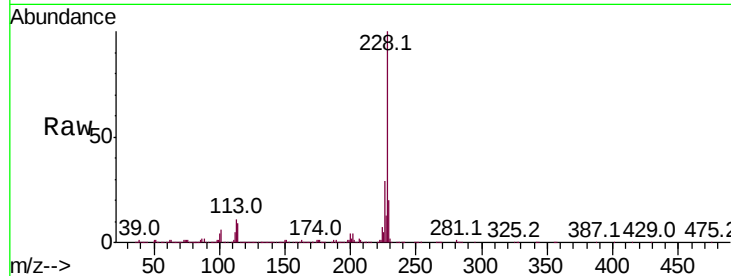
BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:228 Resp: 3040294

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	19.6	15.6	23.4

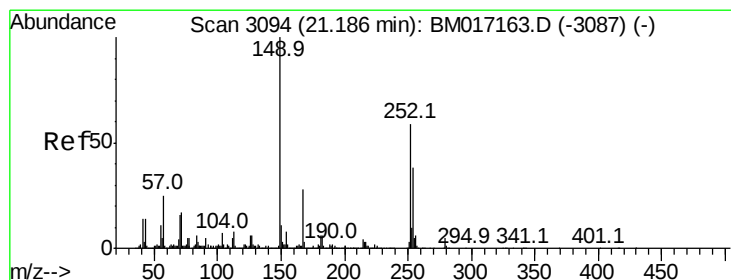
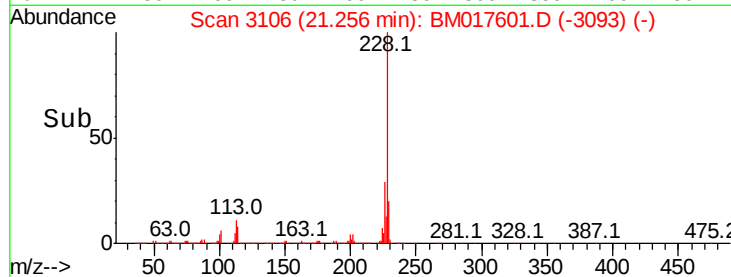
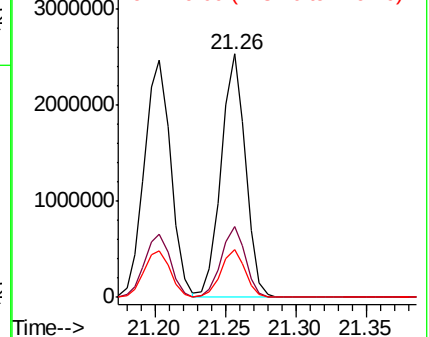


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.213 ng

RT: 21.14 min Scan# 3087

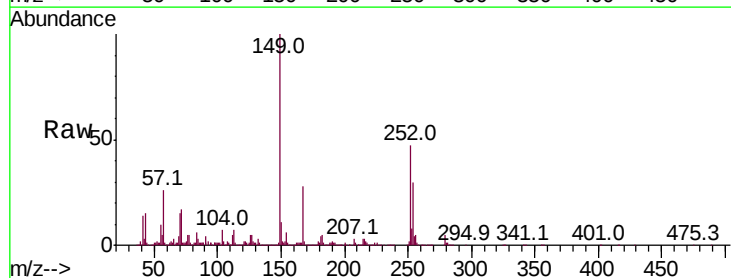
Delta R.T. -0.02 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Tgt Ion:149 Resp: 1975147

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.8	3.6	5.4

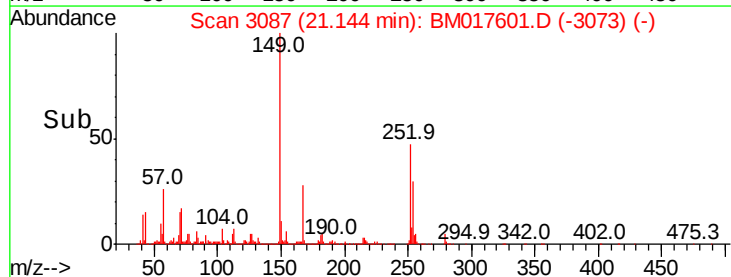
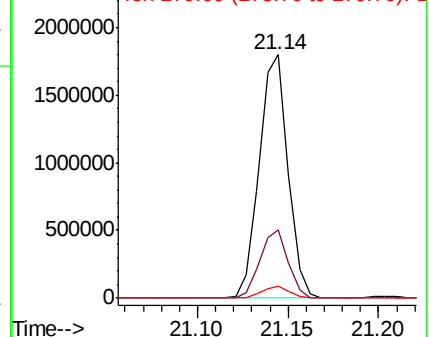


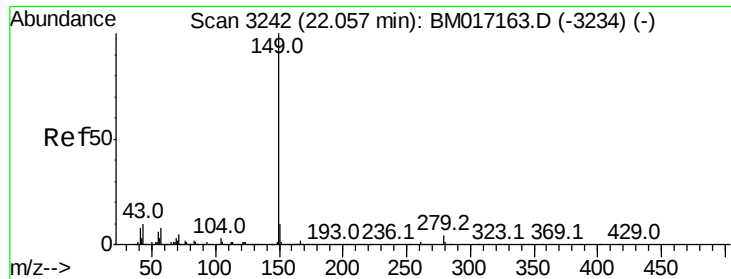
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

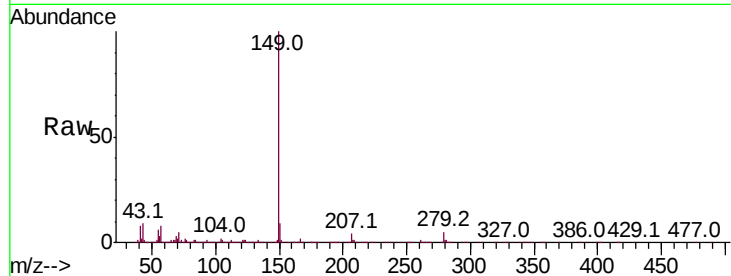




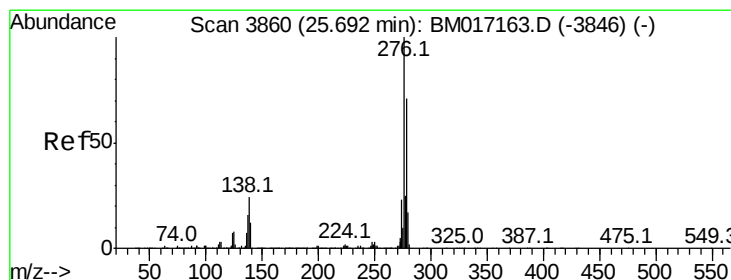
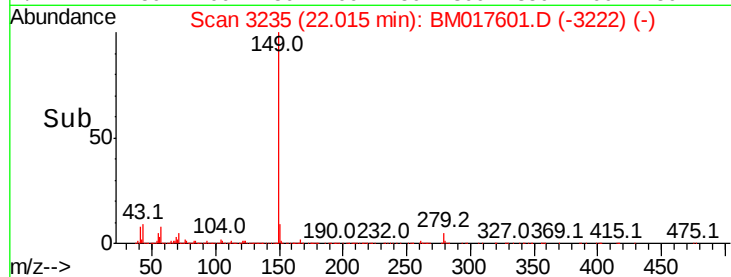
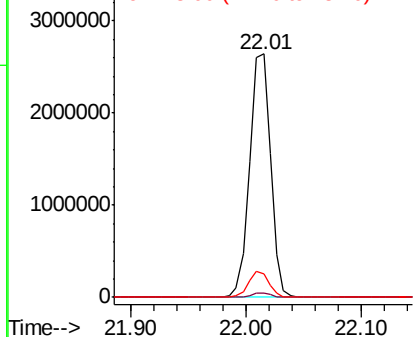
#85
Di-n-octyl phthalate
Concen: 43.118 ng
RT: 22.01 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion:149 Resp: 3335056
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 7.2 10.8

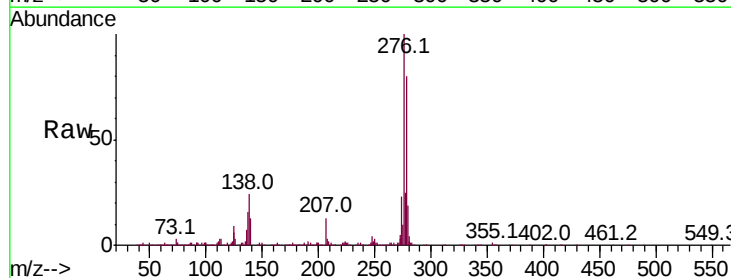


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

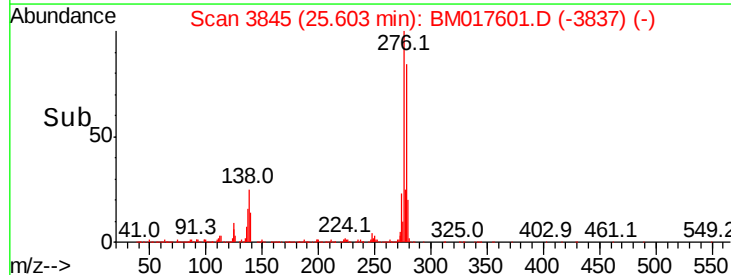
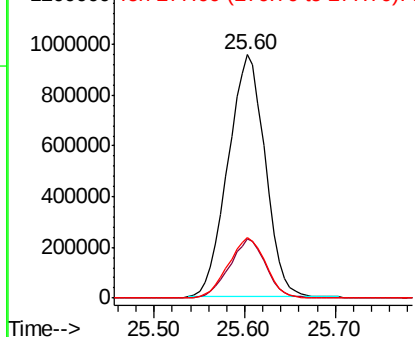


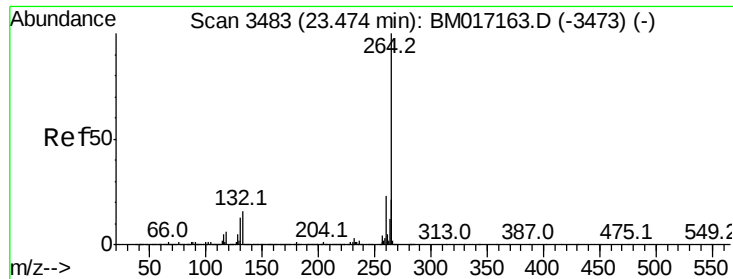
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.632 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.05 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:276 Resp: 2718027
Ion Ratio Lower Upper
276 100
138 23.7 19.5 29.3
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



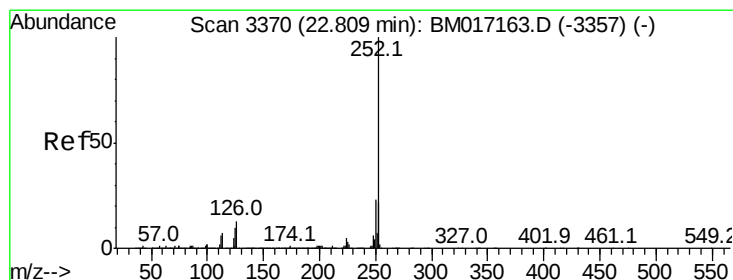
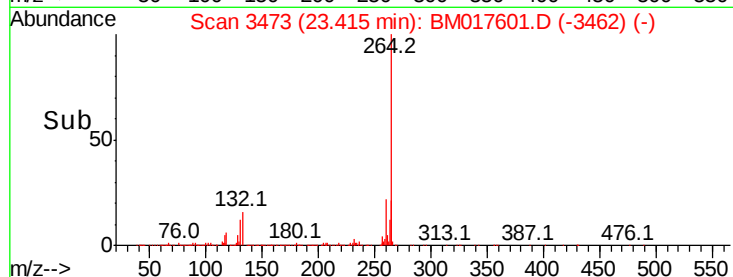
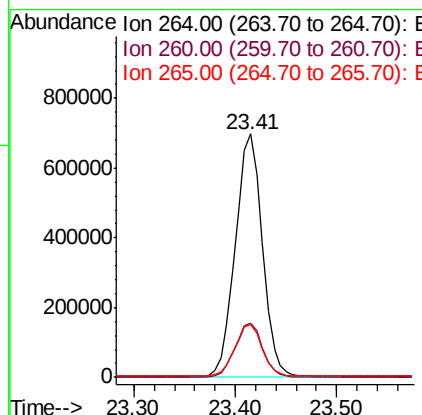
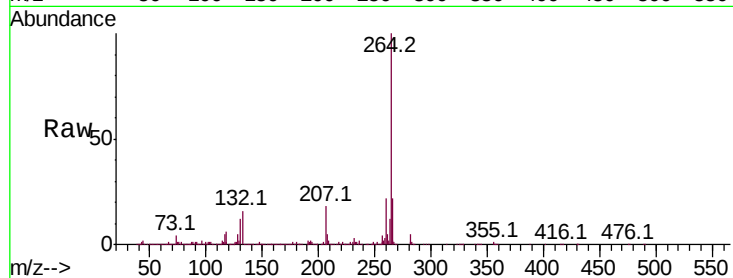


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3473
Delta R.T. -0.04 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion:264 Resp: 1302998

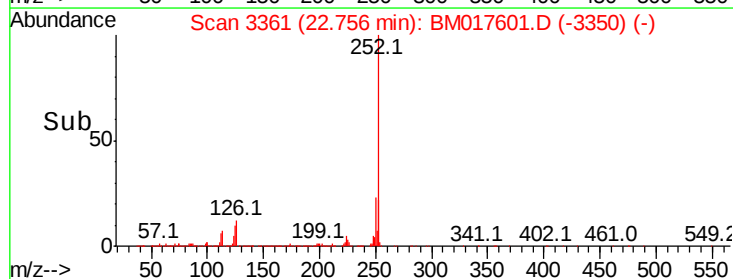
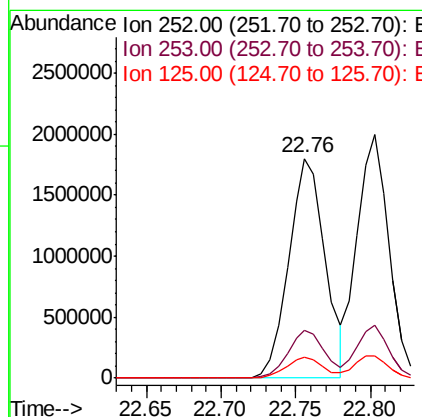
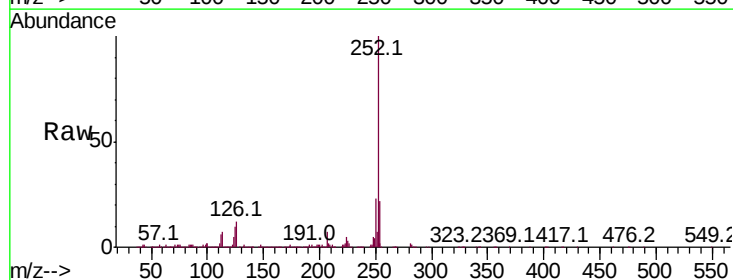
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	21.7	17.8	26.8

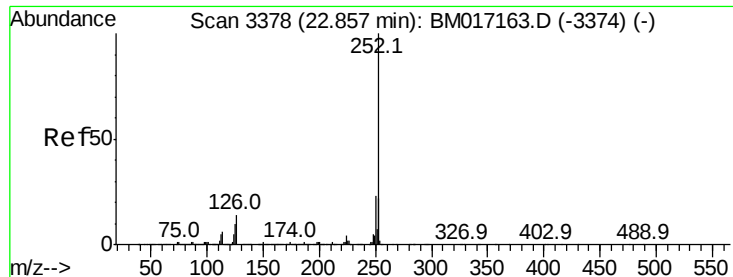


#88
Benzo(b)fluoranthene
Concen: 42.819 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BM017601.D
Acq: 09 Nov 2018 21:00

Tgt Ion:252 Resp: 3050382

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.8	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 40.941 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

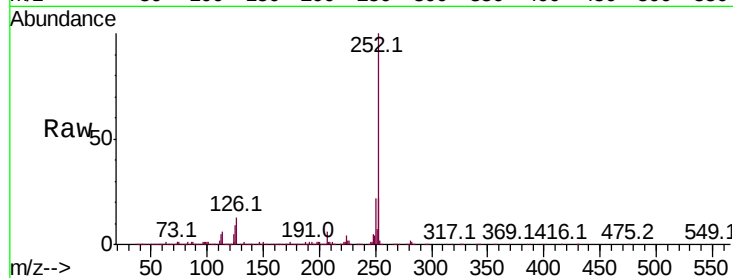
Tot Ion:252 Resp: 2926599

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

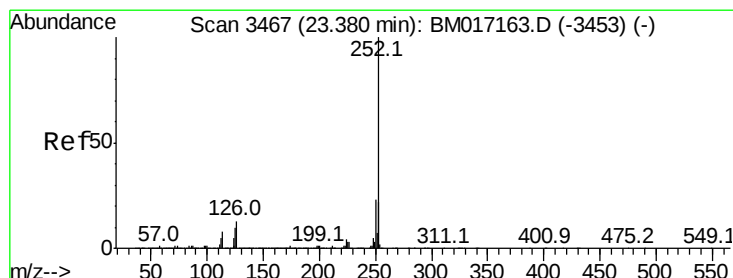
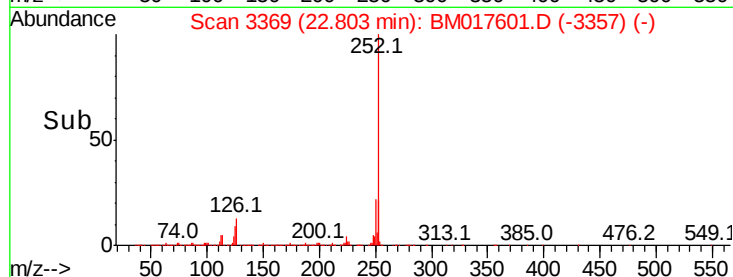
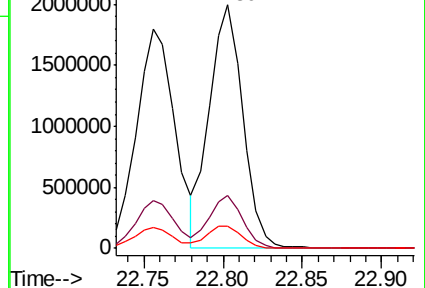
125 9.2 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.319 ng

RT: 23.31 min Scan# 3456

Delta R.T. -0.04 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

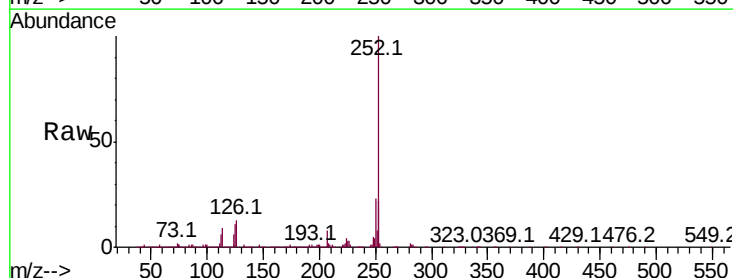
Tgt Ion:252 Resp: 2794831

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

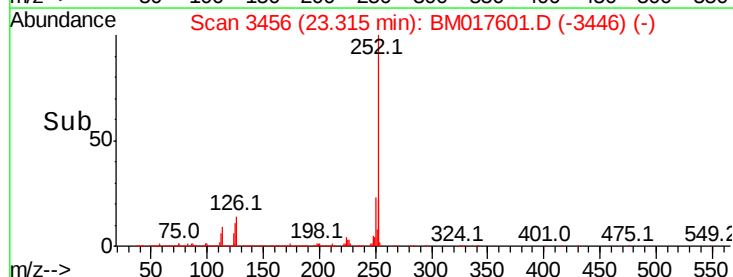
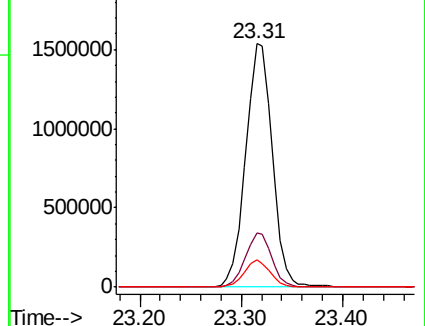
125 11.3 8.6 13.0

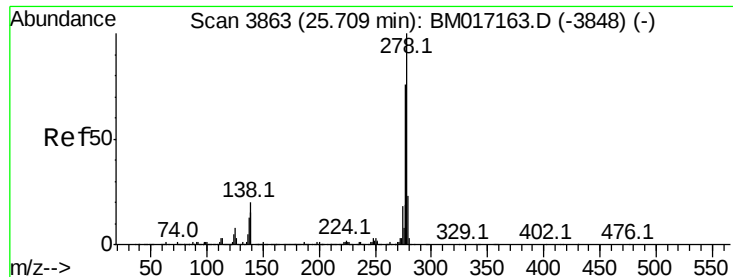


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 34.918 ng

RT: 25.61 min Scan# 3847

Delta R.T. -0.05 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

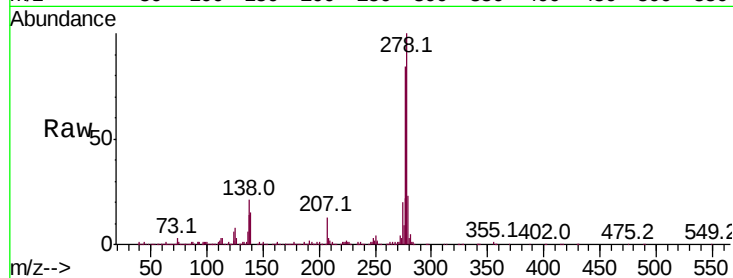
Tot Ion:278 Resp: 2345245

Ion Ratio Lower Upper

278 100

139 14.8 12.7 19.1

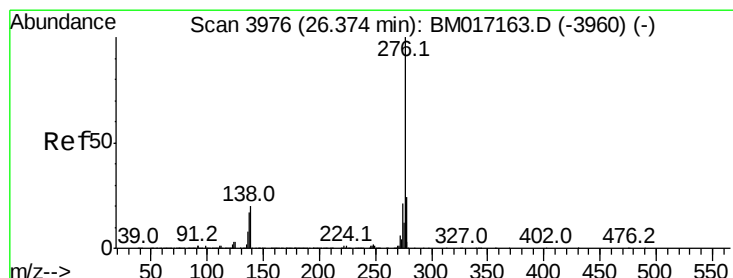
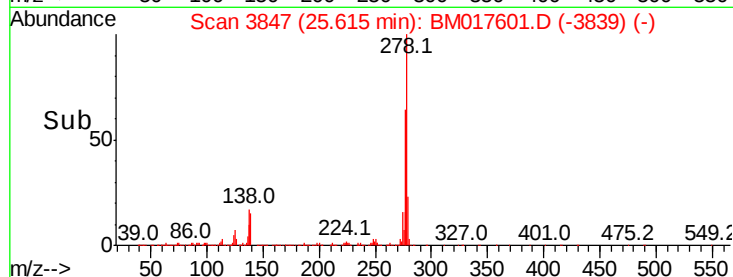
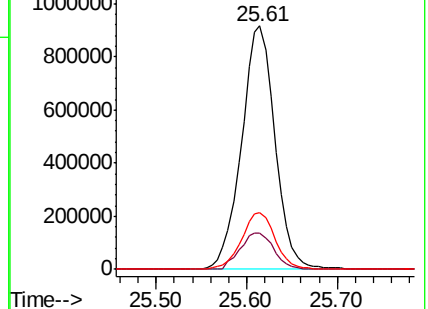
279 23.2 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.305 ng

RT: 26.27 min Scan# 3959

Delta R.T. -0.05 min

Lab File: BM017601.D

Acq: 09 Nov 2018 21:00

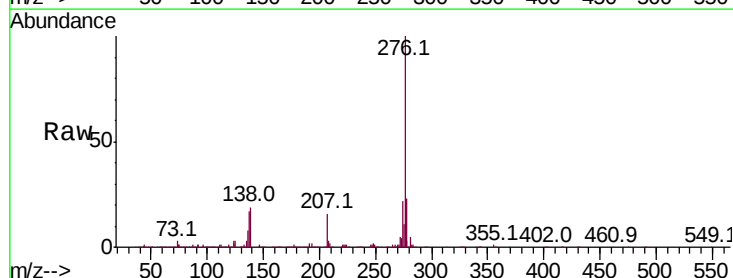
Tgt Ion:276 Resp: 2217014

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 19.2 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

